```
Set     Items   Description
S1         35   AU='GRIMM S' OR AU='GRIMM S M'
S2          2   AU='GRIMM STEVEN M'
S3         18   AU='ROTHSCHILD J' OR AU='ROTHSCHILD J J' OR AU='ROTHSCHILD
               JEFFREY JACKIEL'
S4         17   AU='SAMUEL D' OR AU='SAMUEL D J' OR AU='SAMUEL DANIEL JOSE-
               PH'
S5        317   AU='WOLF M' OR AU='WOLF M A'
S6        104   AU='WOLF MICHAEL' OR AU='WOLF MICHAEL A'
S7        479   S1:S6
S8         34   S7 AND IC=G06F
S9         34   IDPAT (sorted in duplicate/non-duplicate order)
S10        26   IDPAT (primary/non-duplicate records only)
File 347:JAPIO Nov 1976-2005/Oct(Updated 060203)
         (c) 2006 JPO & JAPIO
File 350:Derwent WPIX 1963-2006/UD,UM &UP=200614
         (c) 2006  Thomson Derwent
File 349:PCT FULLTEXT 1979-2006/UB=20060223,UT=20060216
         (c) 2006 WIPO/Univentio
File 348:EUROPEAN PATENTS 1978-2006/Feb W04
         (c) 2006 European Patent Office
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10/5/1 (Item 1 from file: 350)

016580289 **Image available**
WPI Acc No: 2004-739024/200473
XRPX Acc No: N04-584845

Transmission network e.g. crossconnect, element, has switch controlled by transition monitors to alter selection of switch in one case that selected signal does not contain bit level transitions while non-selected signal does

Patent Assignee: ALCATEL (COGE)
Inventor: BEISEL W; WOLF ; **WOLF** M ; WOLF M J
Number of Countries: 032 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1467495	A1	20041013	EP 2003290911	A	20030411	200473 B
EP 1467495	B1	20050622	EP 2003290911	A	20030411	200541
US 20050144504	A1	20050630	US 2004815723	A	20040402	200543
DE 60300885	E	20050728	DE 300885	A	20030411	200551
			EP 2003290911	A	20030411	
DE 60300885	T2	20051006	DE 300885	A	20030411	200566
			EP 2003290911	A	20030411	

Priority Applications (No Type Date): EP 2003290911 A 20030411
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1467495	A1	E	10	H04B-001/74	
Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR					
EP 1467495	B1	E		H04B-001/74	
Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR					
US 20050144504	A1			G06F-011/00	
DE 60300885	E			H04B-001/74	Based on patent EP 1467495
DE 60300885	T2			H04B-001/74	Based on patent EP 1467495

Abstract (Basic): EP 1467495 A1

NOVELTY - The element has two redundant signal paths for two redundant signals. A switch (SW) selects either of the signals as active. Two transition monitors (T1, T2) are coupled to the respective paths for monitoring the signals for bit level transitions. The switch is controlled by the monitors to alter selection in a case that the selected signal does not contain bit level transitions while the non-selected signal does.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method of controlling selection of two signals from two redundant signal paths in a network element.

USE - Transmission network e.g. crossconnect, element.

ADVANTAGE - The switch is controlled by the transition monitors, thus allowing immediate detection of a failure condition and switching over in a hitless manner at the time of detection. The need to initiate the switch earlier in time in order to avoid a traffic hit in the transmission network is eliminated, hence facilitating maintenance of the network.

DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of a network element.

Clock (CL)
Selector (S)
Switch (SW)
Transition monitors (T1,T2)
pp; 10 DwgNo 1/3

Title Terms: TRANSMISSION; NETWORK; ELEMENT; SWITCH; CONTROL; TRANSITION; MONITOR; ALTER; SELECT; SWITCH; ONE; CASE; SELECT; SIGNAL; CONTAIN; BIT;

LEVEL; TRANSITION; NON; SELECT; SIGNAL
Derwent Class: T01; W01; W02
International Patent Class (Main): **G06F-011/00** ; H04B-001/74
File Segment: EPI

10/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015963428 **Image available**
WPI Acc No: 2004-121269/200412
XRPX Acc No: N04-097125
Automated fact-finding data collection method for interview, involves implementing review logic process by comparing baseline response with user's response to survey question
Patent Assignee: SAMUEL D J (SAMU-I); SIDERS C M (SIDE-I); WHITTEN T C (WHIT-I)
Inventor: **SAMUEL D J** ; SIDERS C M; WHITTEN T C
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20040010439	A1	20040115	US 200211230	A	20020712	200412	B

Priority Applications (No Type Date): US 200211230 A 20020712
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20040010439	A1		6	G06F-017/60	

Abstract (Basic): US 20040010439 A1
NOVELTY - A tolerance band is specified with respect to the baseline responses, and the survey questions with multiple choice response are presented. The review logic process is implemented by comparing baseline response with the user's response to survey question. The subsequent question is presented, if the user's response is within tolerance band, else justification of response is elicited.
USE - For automating survey process and data collection in interviews and questionnaires.
ADVANTAGE - Decreases time and cost associated with fact-finding survey of large geographically distributed sample group. Increases probability of collecting better data, and minimizes survey bias.
DESCRIPTION OF DRAWING(S) - The figure shows the table of automated fact-finding data collection method setup.
preparation phase (10)
baseline phase (12)
execution phase (14)
evaluation phase (16)
pp; 6 DwgNo 1/3
Title Terms: AUTOMATIC; FACT; FINDER; DATA; COLLECT; METHOD; INTERVIEW; IMPLEMENT; REVIEW; LOGIC; PROCESS; COMPARE; BASELINE; RESPOND; USER; RESPOND; SURVEYING; QUESTION
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

10/5/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015477863 **Image available**
WPI Acc No: 2003-540010/200351
XRPX Acc No: N03-428252

Source code loop nest unrolling method in compiler, involves unrolling second two-deep loop nest that contains only perfectly nested code, to produce unrolled section and wind-section of code

Patent Assignee: SILICON GRAPHICS INC (SILI-N)
Inventor: **WOLF M**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6567976	B1	20030520	US 97822927	A	19970320	200351	B

Priority Applications (No Type Date): US 97822927 A 19970320
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6567976	B1		13	G06F-009/45	

Abstract (Basic): US 6567976 B1

NOVELTY - The two-deep loop nest is transformed into adjacent two-deep loop nest comprising three two-deep loop nests. The second two-deep loop nest that contains only perfectly nested code, is unrolled to produce an unrolled section of a code and a wind-down section of code. The unrolled section of the code is jammed and the processes are repeated to unroll loop nests of depth greater than two.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for computer-readable medium storing source code optimization program.

USE - For unrolling two-deep loop nest of source code in compiler for optimizing source code for scientific applications, loop interchange, cache tiling or blocking.

ADVANTAGE - Allows outer loop unrolling for two-deep loop nest with imperfectly nested code and convex bounds.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart of outer loop unrolling process.

pp; 13 DwgNo 1/4

Title Terms: SOURCE; CODE; LOOP; NEST; UNROLL; METHOD; COMPILE; UNROLL; SECOND; TWO; DEEP; LOOP; NEST; CONTAIN; PERFECT; NEST; CODE; PRODUCE; UNROLL; SECTION; WIND; SECTION; CODE
Derwent Class: T01
International Patent Class (Main): **G06F-009/45**
File Segment: EPI

10/5/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014878402 **Image available**
WPI Acc No: 2002-699108/200275
XRPX Acc No: N02-551237

Method for the output of data on motor vehicle information for a user displays information options for a user to select with a context-based profile to generate data

Patent Assignee: DAIMLERCHRYSLER AG (DAIM); ENIGK H (ENIG-I); HOFFMANN D (HOFF-I); HOFMANN P (HOFM-I); LEBOCH S (LEBO-I); LUDWIG M (LUDW-I); NAGEL G (NAGE-I); PAZDA K (PAZD-I); ROTHE S (ROTH-I); SCHATTENBERG K (SCHA-I); STEFFENS C (STEF-I); STRAUB B (STRA-I); VON HASSELN H (VHAS-I)
Inventor: ENIGK H; HOFFMANN D; HOFMANN P; LEBOCH S; LUDWIG M; NAGEL G; PAZDA K; ROTHE S; SCHATTENBERG K; STEFFENS C; STRAUB B; VON HASSELN H; **WOLF M**

Number of Countries: 022 Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200281251	A1	20021017	WO 2002EP1485	A	20020213	200275 B
DE 10117410	A1	20021107	DE 10117410	A	20010406	200281
EP 1373006	A1	20040102	EP 2002716767	A	20020213	200409
			WO 2002EP1485	A	20020213	
JP 2004524210	W	20040812	JP 2002579262	A	20020213	200453
			WO 2002EP1485	A	20020213	
EP 1373006	B1	20040901	EP 2002716767	A	20020213	200457
			WO 2002EP1485	A	20020213	
DE 50200934	G	20041007	DE 200934	A	20020213	200466
			EP 2002716767	A	20020213	
			WO 2002EP1485	A	20020213	
DE 10117410	B4	20041118	DE 10117410	A	20010406	200475
US 20050107925	A1	20050519	WO 2002EP1485	A	20020213	200534
			US 2004474189	A	20041110	

Priority Applications (No Type Date): DE 10117410 A 20010406
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200281251	A1	G	34	B60K-037/00	
Designated States (National): JP US					
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR					
DE 10117410	A1			B60R-016/02	
EP 1373006	A1	G		B60K-037/00	Based on patent WO 200281251
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR					
JP 2004524210	W		49	B60K-035/00	Based on patent WO 200281251
EP 1373006	B1	G		B60K-037/00	Based on patent WO 200281251
Designated States (Regional): DE FR GB					
DE 50200934	G			B60K-037/00	Based on patent EP 1373006
					Based on patent WO 200281251
DE 10117410	B4			B60R-016/02	
US 20050107925	A1			G06F-017/00	

Abstract (Basic): WO 200281251 A1

NOVELTY - A motor vehicle dashboard includes a display unit (18), a selection device (6) to select options (O) and a display panel (19). Through a processing unit data (D) on information (I) on different motor vehicle controls/operations is shown on the display unit according to a profile and an option selected. E.g., an image (20) shows warnings and changes in a vehicle's conditions with data on 'online help', 'keyword/topic search', 'explanation of control switch', etc.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a device for the output of data on motor vehicle information for a user.

USE - For multimedia control/information systems in cars.

ADVANTAGE - Operating convenience is improved for the user and control/operational/traffic safety is raised.

DESCRIPTION OF DRAWING(S) - The drawing shows a top view of the present invention in operation. (Drawing includes non-English language text).

Selection device (6)
Display unit (18)
Display panel (19)
Image (20)
Data (D)
Information (I)
Select option (O)
pp; 34 DwgNo 3/6

Title Terms: METHOD; OUTPUT; DATA; MOTOR; VEHICLE; INFORMATION; USER; DISPLAY; INFORMATION; OPTION; USER; SELECT; CONTEXT; BASED; PROFILE; GENERATE; DATA

Derwent Class: Q13; Q17; T01; X22

International Patent Class (Main): B60K-035/00; B60K-037/00; B60R-016/02; **G06F-017/00**

International Patent Class (Additional): **G06F-003/14** ; **G06F-007/10**

File Segment: EPI; EngPI

10/5/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014797892 **Image available**
WPI Acc No: 2002-618598/200266
XRPX Acc No: N02-489758

Cosmetics product dispensing device installed in night club, restaurant, has selection button to enable user to select desired cosmetics product displayed on display

Patent Assignee: ROTHSCHILD J (ROTH-I)
Inventor: **ROTHSCHILD J**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020095309	A1	20020718	US 2000251529	A	20001205	200266 B
			US 200110157	A	20011108	

Priority Applications (No Type Date): US 2000251529 P 20001205; US 200110157 A 20011108
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020095309	A1		11	G06F-017/60	Provisional application US 2000251529

Abstract (Basic): US 20020095309 A1

NOVELTY - The selection button (16) enables a user to select the desired cosmetics product to be dispensed, from a display (14). A delivery unit (22) delivers the selected cosmetics product to the user, based on the payment received from the user.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for cosmetics product dispensing method.

USE - For dispensing cosmetics product such as lipstick, lip glosses, eyeliner pencils, powder puff, powder brush and health product to the persons in restaurants, office building, nightclub, airport, train station, health club.

ADVANTAGE - The desired product which enhances user appearance, is selected automatically on receiving input data, without the assistance of a sales person.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the cosmetics product dispensing device.

Display (14)
Selection button (16)
Delivery unit (22)
pp; 11 DwgNo 1/5

Title Terms: COSMETIC; PRODUCT; DISPENSE; DEVICE; INSTALLATION; NIGHT; CLUB ; RESTAURANT; SELECT; BUTTON; ENABLE; USER; SELECT; COSMETIC; PRODUCT; DISPLAY; DISPLAY
Derwent Class: T01; T05
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

10/5/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014701170 **Image available**
WPI Acc No: 2002-521874/200256
XRPX Acc No: N02-413000

Synchronizing at least one receiver module, especially for telecommunications network, involves receiver module selecting first or second clock signal depending on master/slave status

Patent Assignee: ALCATEL (COGE)
Inventor: BEISEL W; HOEHN J; **WOLF M** ; WOLF M J; HOHN J
Number of Countries: 027 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 1217771	A2	20020626	EP 2001440420	A	20011217	200256	B
DE 10064928	A1	20020704	DE 10064928	A	20001223	200256	
US 20020082790	A1	20020627	US 200124025	A	20011221	200256	
US 6816818	B2	20041109	US 200124025	A	20011221	200474	

Priority Applications (No Type Date): DE 10064928 A 20001223
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1217771	A2	G	12	H04J-003/06	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
DE 10064928	A1			H04L-007/04	
US 20020082790	A1			G06F-019/00	
US 6816818	B2			G06F-011/00	

Abstract (Basic): EP 1217771 A2

NOVELTY - The method involves transmitting at least one first and second clock signal (TS1,TS2) to the receiver module (MOD1,MOD2) which selects at least one first or second clock signal as its master synchronization signal. Master-slave status information is transmitted with the first and/or second clock signal; the receiver module selects the first or second clock signal depending on the master/slave status information.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following: a synchronizable receiver module, a clock generator module, a storage arrangement and a network device.

USE - For synchronizing at least one receiver module, especially for telecommunications network or in a network device in a telecommunications network.

ADVANTAGE - Enables precise synchronization of at least one receiver module.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic representation of an arrangement for implementing the inventive method

clock generator modules (GEN1, GEN2)
clock signals (TS1,TS2)
receiver modules (MOD1,MOD2)
pp; 12 DwgNo 1/3

Title Terms: SYNCHRONISATION; ONE; RECEIVE; MODULE; TELECOMMUNICATION; NETWORK; RECEIVE; MODULE; SELECT; FIRST; SECOND; CLOCK; SIGNAL; DEPEND; MASTER; SLAVE; STATUS
Derwent Class: W01; W02
International Patent Class (Main): **G06F**-011/00 ; **G06F-019/00** ; H04J-003/06; H04L-007/04
International Patent Class (Additional): G01R-035/00; **G06F-015/00** ; H04L-012/50; H04Q-011/04
File Segment: EPI

10/5/8 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014687460 **Image available**
WPI Acc No: 2002-508164/200254
XRPX Acc No: N02-402161

Method for first party to capture information from information source and to store it in container by providing options associated with success indicator to first party that comprises e.g. interacting with container

Patent Assignee: NETSCAPE COMMUNICATIONS CORP (NETS-N)
Inventor: ESPINOZA T; LAVOY D; QUIGLEY B; SOBOTKA D; SUGARBAKER M; **WOLF M**
Number of Countries: 091 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200237365	A1	20020510	WO 2000US30099	A	20001031	200254	B
AU 200115798	A	20020515	WO 2000US30099	A	20001031	200258	
			AU 200115798	A	20001031		

Priority Applications (No Type Date): WO 2000US30099 A 20001031
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200237365	A1	E	51	G06F-017/60	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200115798	A		G06F-017/60	Based on patent WO 200237365

Abstract (Basic): WO 200237365 A1

NOVELTY - A tool for a party is provided to generate an insert associated with a capturable information and an information source. Upon insert interaction, a success indicator is provided to a first party, for indicating success in adding such information to a container. Options associated with success indicator are provided to the first party during interacting with the container.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for:

(a) an apparatus for a first party to capture information from an information source and to store information in a container

(b) a method for incorporating an adding actuating insert into a Web page

(c) a method for allowing an end-user to add an entity to a storage container

USE - For gathering information from e.g. a Web page, and storing it in an associated online container, such as, for example, an online calendar, for the convenience of an end-user.

ADVANTAGE - Allows a user to automatically add content, such as an appointment, to a container, such as, a calendar with a single mouse click, and without directly accessing the container. When the user clicks on the entity on the banner, a copy of the entity is placed in the user's associated container, such as, for example, a shopping list, without the user having to click to the container's site.

DESCRIPTION OF DRAWING(S) - The drawing shows a flow diagram from a user's perspective, according to the invention.

pp; 51 DwgNo 1/4

Title Terms: METHOD; FIRST; PARTY; CAPTURE; INFORMATION; INFORMATION; SOURCE; STORAGE; CONTAINER; OPTION; ASSOCIATE; SUCCESS; INDICATE; FIRST; PARTY; COMPRISE; INTERACT; CONTAINER
Derwent Class: T01
International Patent Class (Main): **G06F-017/60**
File Segment: EPI

10/5/9 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014404829 **Image available**
WPI Acc No: 2002-225532/200228
Related WPI Acc No: 2004-256586; 2005-073187
XRPX Acc No: N02-172954

Digital file registering method used in digital documents authentication system, involves sending automatically obtaining digital signature and time stamp of digital file on recognition of an operation on the file

Patent Assignee: AUTHENTIDATE HOLDING CORP (AUTH-N); BOTTI J T (BOTT-I); THEMELIS N (THEM-I); WOLF M (WOLF-I)
Inventor: BOTTI J T; THEMELIS N; **WOLF M**
Number of Countries: 099 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20010037454	A1	20011101	US 2000562735	A	20000501	200228	B
			US 2000729411	A	20001204		
WO 200262007	A1	20020808	WO 2001US44592	A	20011129	200262	
AU 2002248145	A1	20020812	AU 2002248145	A	20011129	200427	
EP 1410556	A1	20040421	EP 2001997021	A	20011129	200427	
			WO 2001US44592	A	20011129		

Priority Applications (No Type Date): US 2000729411 A 20001204; US 2000562735 A 20000501
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010037454	A1		13	H04L-009/00	CIP of application US 2000562735
WO 200262007	A1	E		H04L-009/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

AU 2002248145	A1			H04L-009/00	Based on patent WO 200262007
EP 1410556	A1	E		H04L-009/00	Based on patent WO 200262007

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Abstract (Basic): US 20010037454 A1

NOVELTY - A digital signature of a digital file is obtained automatically without any user (901) intervention upon recognition of an operation on the file on a computer. A time stamp corresponding to the time of subdivision of the file is created in the computer. Then, the digital signature and time stamp are sent to a remote authentication server automatically.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for computer-readable medium with digital file registering program.

USE - Used in digital documents/files authentication systems to create and verify the digital signature and time stamp of the digital file such as audio file storing music information, image file storing picture information or any executable file storing microprocessor instructions, etc., transmitted via computer networks.

ADVANTAGE - Processing and storing of digital files and signatures is automatically performed without requiring the user to invoke special procedures or follow protocols. Security of the digital files is ensured by locally generating digital signature and time stamp for the digital file upon recognition of an operation on the file and sending them to remote authenticate server. Hence the burden on the user is eliminated to provide a digital signature of a file.

DESCRIPTION OF DRAWING(S) - The figure shows a digital file authentication system in a computer network environment.

User (901)

pp; 13 DwgNo 1/4
Title Terms: DIGITAL; FILE; REGISTER; METHOD; DIGITAL; DOCUMENT; AUTHENTICITY; SYSTEM; SEND; AUTOMATIC; OBTAIN; DIGITAL; SIGNATURE; TIME; STAMP; DIGITAL; FILE; RECOGNISE; OPERATE; FILE
Derwent Class: T01; W01
International Patent Class (Main): H04L-009/00
International Patent Class (Additional): **G06F-017/30**
File Segment: EPI

10/5/10 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014284363 **Image available**
WPI Acc No: 2002-105064/200214
Related WPI Acc No: 2000-302114
XRPX Acc No: N02-078102
Client computer assigning method for computer based electronic game **network system, involves selecting server satisfying minimum communication link quality criterion and linking client with that server**
Patent Assignee: HEARME (HEAR-N)
Inventor: BLACK N R H; **ROTHSCHILD J J**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6304902	B1	20011016	US 9744109	P	19970423	200214 B
			US 97915545	A	19970813	
			US 2000524516	A	20000313	

Priority Applications (No Type Date): US 9744109 P 19970423; US 97915545 A 19970813; US 2000524516 A 20000313
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6304902	B1		13	G06F-013/00	Provisional application US 9744109 Cont of application US 97915545 Cont of patent US 6038599

Abstract (Basic): US 6304902 B1
NOVELTY - Each server stores the address of all the other servers. One server is dedicated a matchmaking computer and it commands them to measure link quality among the servers and it records the results. When a client couples to the network the matchmaker short lists a number of candidate servers from its results, they each test their connection to the client and any server that meets requirement is connected.
USE - Online multi-user distributed electronic applications such as multi-player games.
ADVANTAGE - Effective and efficient way to ensure quality of data links are well adapted to digital electronic game playing.
DESCRIPTION OF DRAWING(S) - The drawing shows and embodiment of the invention.
pp; 13 DwgNo 4/5
Title Terms: CLIENT; COMPUTER; ASSIGN; METHOD; COMPUTER; BASED; ELECTRONIC; GAME; NETWORK; SYSTEM; SELECT; SERVE; SATISFY; MINIMUM; COMMUNICATE; LINK ; QUALITY; CRITERIA; LINK; CLIENT; SERVE
Derwent Class: T01
International Patent Class (Main): **G06F-013/00**
File Segment: EPI

10/5/11 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013949327
WPI Acc No: 2001-433541/200147
XRPX Acc No: N01-321228

Monitoring maintenance-intensive replacement parts involves storing part specifying data, reading into evaluation unit at predefined times or at predetermined intervals using suitable reader

Patent Assignee: FILTERWERK MANN & HUMMEL GMBH (FILW); MANN & HUMMEL GMBH (FILW)
Inventor: OBERDORFER T; PLUECKER V; THALMANN C; **WOLF M** ; DWORATZEK K; ESCHER H; FRANZ A; PELZ A
Number of Countries: 023 Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 10000435	A1	20010712	DE 10000435	A	20000110	200147	B
WO 200152185	A2	20010719	WO 2001EP233	A	20010110	200147	
EP 1246679	A2	20021009	EP 2001909599	A	20010110	200267	
			WO 2001EP233	A	20010110		
US 20030025598	A1	20030206	WO 2001EP233	A	20010110	200313	
			US 2002191757	A	20020710		
JP 2003519880	W	20030624	JP 2001552335	A	20010110	200341	
			WO 2001EP233	A	20010110		
US 6711524	B2	20040323	WO 2001EP233	A	20010110	200421	
			US 2002191757	A	20020710		
EP 1246679	B1	20051221	EP 2001909599	A	20010110	200604	
			WO 2001EP233	A	20010110		
DE 50108456	G	20060126	DE 108456	A	20010110	200613	
			EP 2001909599	A	20010110		
			WO 2001EP233	A	20010110		

Priority Applications (No Type Date): DE 10000435 A 20000110
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 10000435	A1		4	G07C-011/00	
WO 200152185	A2	G		G06K-019/00	
Designated States (National): BR JP US					
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR					
EP 1246679	A2	G		B01D-029/07	Based on patent WO 200152185
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR					
US 20030025598	A1			B60Q-001/00	Cont of application WO 2001EP233
JP 2003519880	W		18	G06F-017/60	Based on patent WO 200152185
US 6711524	B2			G06F-011/07	Cont of application WO 2001EP233
EP 1246679	B1	G		B01D-029/07	Based on patent WO 200152185
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR					
DE 50108456	G			B01D-029/01	Based on patent EP 1246679 Based on patent WO 200152185

Abstract (Basic): DE 10000435 A1

NOVELTY - The method involves placing data specifying the geometric design, physical characteristics and/or other specifying data of the part in and/or on the part in a suitable memory component and reading the data into an evaluation unit at predefined times or at predetermined intervals using a suitable reader. The data are compared with stored data in the evaluation unit and the result can be used to influence the functionality of the part and/or system.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following: an arrangement for implementing the method.

USE - For monitoring maintenance-intensive replacement parts of a system.

ADVANTAGE - Enables simple monitoring of the proper functions.
pp; 4 DwgNo 0/1
Title Terms: MONITOR; MAINTAIN; INTENSE; REPLACE; PART; STORAGE; PART; SPECIFIED; DATA; READ; EVALUATE; UNIT; PREDEFINED; TIME; PREDETERMINED; INTERVAL; SUIT; READ
Derwent Class: Q16; Q17; Q51; Q53; T01; T05
International Patent Class (Main): B01D-029/01; B01D-029/07; B60Q-001/00; **G06F-011/07** ; **G06F-017/60** ; G06K-019/00; G07C-011/00
International Patent Class (Additional): B01D-046/00; B01D-046/42; B60S-005/00; F01M-011/10; F02M-035/024; **G06F-007/02** ; G06K-017/00; G08C-017/00; G08C-019/00
File Segment: EPI; EngPI

10/5/12 (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013869360 **Image available**
WPI Acc No: 2001-353572/200137
XRPX Acc No: N01-256724

Code transformation optimization method in computer, involves selecting an optimal set of loop interchange, register tiling and cache tiling characteristics

Patent Assignee: SILICON GRAPHICS INC (SILI-N)
Inventor: MAYDAN D; **WOLF M**

Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6226790	B1	20010501	US 97808224	A	19970228	200137	B

Priority Applications (No Type Date): US 97808224 A 19970228
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6226790	B1		9	G06F-009/445	

Abstract (Basic): US 6226790 B1

NOVELTY - The method involves compiling the source code according to an optimal set of loop interchange, register tiling, and cache tiling characteristics

DETAILED DESCRIPTION - The method involves constructing a model of a hardware design upon which the object code is to be run. The model is a function of loop interchange, register tiling, and cache tiling. An order by which loops within the object code are executed is changed. A block of object code is divided into a number of sub-blocks to minimize cache misses. One of the sub-block is divided into a number of smaller sub-blocks to minimize a number of load and store operation to minimize a number of different loop interchange, register tiling, and cache tiling characteristics. An estimated execution time is measured based on the model each time characteristic corresponding to loop interchange, register tiling or cache tiling is changed. An optical set of loop interchange register tiling, and cache tiling characteristics corresponding to fastest estimated execution time is selected to compile the source code. An INDEPENDENT CLAIM is also included for computer readable medium.

USE - Used in computer system to optimize code transformation for attaining superior overall performance.

ADVANTAGE - Provides method to determine optimal loop interchange, set of register tiling amount, and cache tiling size for compiling source code into object code.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart describing the steps for optimizing code.

pp; 9 DwgNo 4/4

Title Terms: CODE; TRANSFORM; METHOD; COMPUTER; SELECT; OPTIMUM; SET; LOOP; INTERCHANGE; REGISTER; TILE; CACHE; TILE; CHARACTERISTIC
Derwent Class: T01
International Patent Class (Main): **G06F-009/445**
File Segment: EPI

10/5/13 (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013697092 **Image available**
WPI Acc No: 2001-181316/200118
XRPX Acc No: N01-129256

Networked computer online gaming system, runs servorun program which accept commands from master control program and causes execution of match maker program to support type or class of game sought by client program

Patent Assignee: MPATH INTERACTIVE INC (MPAT-N)
Inventor: BLACK N R H; **GRIMM S M** ; KWIATOWSKI M P; **ROTHSCHILD J J** ; **SAMUEL D J** ; **WOLF M A** ; WONG C D
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6152824	A	20001128	US 9740640	A	19970306	200118	B
			US 9836583	A	19980306		

Priority Applications (No Type Date): US 9740640 P 19970306; US 9836583 A 19980306
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6152824	A		21	A63F-013/00	Provisional application US 9740640

Abstract (Basic): US 6152824 A

NOVELTY - The network runs servorun program (SVP) that accepts commands to create servers from the master control program (MCP) causes match maker program (MMP) to start executing on server and to configure the MMP to support the type or class of game sought by client program. The game instances class server (GICS) program is created as result of commands sent to SVP from MCP.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for online gaming process.

USE - Network computer on-line gaming system for playing racing game.

ADVANTAGE - Facilitates player matching and ensures that opportunities to cheat are minimized while increasing the opportunity to realize satisfying gaming entertainment. The MMP detects the end of the game for billing purposes and updates the MCP accordingly thereby secures efficient communications between the users and online gaming servers.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of computer network system online gaming architecture.

pp; 21 DwgNo 11/11

Title Terms: COMPUTER; GAME; SYSTEM; RUN; PROGRAM; ACCEPT; COMMAND; MASTER; CONTROL; PROGRAM; CAUSE; EXECUTE; MATCH; MAKER; PROGRAM; SUPPORT; TYPE; CLASS; GAME; CLIENT; PROGRAM
Derwent Class: P36; T01; W04
International Patent Class (Main): A63F-013/00
International Patent Class (Additional): A63F-009/24; **G06F-017/00** ; **G06F-019/00**
File Segment: EPI; EngPI

10/5/14 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013294903 **Image available**
WPI Acc No: 2000-466838/200041
XRPX Acc No: N00-348433
Cursor control method for computer system has cursor movement velocity characteristics altered in dependence on distance from next graphic object on display screen
Patent Assignee: ALCATEL (COGE)
Inventor: **WOLF M**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 19858647	A1	20000629	DE 1058647	A	19981218	200041	B

Priority Applications (No Type Date): DE 1058647 A 19981218
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 19858647	A1		6	G06F-003/037	

Abstract (Basic): DE 19858647 A1
NOVELTY - The cursor control method uses a computer mouse (ZE) for moving the cursor (PTR) across a display screen (MON) for selecting one of a number of graphic objects (ICN1-ICN3), the movement velocity characteristics of the cursor dependent on the distance of the cursor from the next graphic object and the movement of the cursor only adjusted when a second independent distance criteria is met.
DETAILED DESCRIPTION - Also included are INDEPENDENT CLAIMS for the following;
(a) a graphically controlled device with a display monitor and a computer mouse;
(b) a computer mouse
USE - The method is used for moving a cursor across a computer monitor screen.
ADVANTAGE - The method allows the ergonomics for movement of the cursor to be improved for rapid and accurate positioning of the cursor.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic representation of a computer system with a display monitor and a computer mouse.
Graphic objects (ICN1-ICN3)
Display screen (MON)
Cursor (PTR)
Computer mouse (ZE)
pp; 6 DwgNo 1/3
Title Terms: CURSOR; CONTROL; METHOD; COMPUTER; SYSTEM; CURSOR; MOVEMENT; VELOCITY; CHARACTERISTIC; ALTER; DEPEND; DISTANCE; GRAPHIC; OBJECT; DISPLAY; SCREEN
Derwent Class: T01; T04
International Patent Class (Main): **G06F-003/037**
International Patent Class (Additional): G06K-011/18
File Segment: EPI

10/5/15 (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013130243 **Image available**
WPI Acc No: 2000-302114/200026
Related WPI Acc No: 2002-105064
XRPX Acc No: N00-225657

Client computer assigning method for computer based electronic game network system, involves selecting server satisfying minimum communication link quality criterion and linking client with that server

Patent Assignee: MPATH INTERACTIVE INC (MPAT-N)
Inventor: BLACK N R H; **ROTHSCHILD J J**

Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6038599	A	20000314	US 9744109	P	19970423	200026	B
			US 97915545	A	19970813		

Priority Applications (No Type Date): US 9744109 P 19970423; US 97915545 A 19970813
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6038599	A		13	G06F-013/00	Provisional application US 9744109

Abstract (Basic): US 6038599 A

NOVELTY - In response to request from client minimum communication link quality criterion required for using game, is determined. The server satisfying minimum communication link quality measurement from latency measurement, bandwidth measurement and error rate measurement is selected from group of servers. The data communication between selected server and client is established.

DETAILED DESCRIPTION - The communication link quality measurement is performed among servers and servers are classified into groups, based on measurement. The representative servers are selected from the group and one server is selected from the group. Based on request from client, minimum communication link quality criterion is determined and server satisfying the criterion is selected. An INDEPENDENT CLAIM is also included for match maker server computer system.

USE - For assigning client to server used in computer based electronic game network system, in Internet for advertising, commercial transaction. Also used in application programs such as word processor, simulation, electronic data processing (EDP).

ADVANTAGE - An efficient and effective technique to ensure that the quality of data communication links are adequate, is provided.

DESCRIPTION OF DRAWING(S) - The figure shows flow chart illustrating steps of latency server and match maker technique.

pp; 13 DwgNo 4/5

Title Terms: CLIENT; COMPUTER; ASSIGN; METHOD; COMPUTER; BASED; ELECTRONIC; GAME; NETWORK; SYSTEM; SELECT; SERVE; SATISFY; MINIMUM; COMMUNICATE; LINK ; QUALITY; CRITERIA; LINK; CLIENT; SERVE
Derwent Class: T01
International Patent Class (Main): **G06F-013/00**
File Segment: EPI

10/5/16 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013009859 **Image available**
WPI Acc No: 2000-181711/200016
XRPX Acc No: N00-134128
Matching method for grouping e.g. network users, client computers, client software in computer networks
Patent Assignee: MPATH INTERACTIVE INC (MPAT-N)
Inventor: CLARK D P; **SAMUEL D J** ; **WOLF M A**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6023729	A	20000208	US 9744023	A	19970505	200016 B
			US 97876953	A	19970617	

Priority Applications (No Type Date): US 9744023 P 19970505; US 97876953 A 19970617
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6023729	A		25	G06F-015/16	Provisional application US 9744023

Abstract (Basic): US 6023729 A

NOVELTY - Each client computer has a cooperating client application that exchanges information with a match maker application hosted by a host computer. After an attribute is selected and associated with one cooperating client application, a message is transmitted to the other client computer whose video display then exhibits a graphical image having a non-textual feature representing a value in the message.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) a method of allowing a user to navigate between client groups associated with a match maker application;

(b) and a method for allowing a user to communicate values of attribute to another user via a match making application.

USE - For grouping e.g. network users, client computers, client software in computer networks.

ADVANTAGE - Provides a clear way to present to users network match making information to assist users in choosing an instance of a multi-user network application where multiple instances of such applications are simultaneously available, or to assist users in selecting other users to join with them in an on-line multi-user multiply-instanced OMM application. Provides a systematic way of organizing and presenting multiple offers, where such offers are offers to create an OMM instance, and to assist users in selecting an offer to accept.

DESCRIPTION OF DRAWING(S) - The figure illustrates the match maker application identifying a match and creating a new client group and an associated data set representing the new client group.

pp; 25 DwgNo 8/21
Title Terms: MATCH; METHOD; GROUP; NETWORK; USER; CLIENT; COMPUTER; CLIENT; SOFTWARE; COMPUTER; NETWORK
Derwent Class: T01
International Patent Class (Main): **G06F-015/16**
File Segment: EPI

10/5/17 (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013001304 **Image available**
WPI Acc No: 2000-173156/200016
XRPX Acc No: N00-128895
Synchronization method, primary reference clock generator and network element for a synchronous digital message transfer network
Patent Assignee: ALCATEL (COGE)
Inventor: **WOLF M**
Number of Countries: 026 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 975114	A2	20000126	EP 99440165	A	19990625	200016	B
DE 19832440	A1	20000120	DE 1032440	A	19980718	200016	
CA 2277612	A1	20000118	CA 2277612	A	19990716	200027	

Priority Applications (No Type Date): DE 1032440 A 19980718
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 975114	A2	G	13	H04J-003/06	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
CA 2277612	A1	E		H04L-007/04	
DE 19832440	A1			H04L-007/04	

Abstract (Basic): EP 975114 A2
NOVELTY - Network elements (NE) are synchronized on a primary reference clock generator's reference clock. Two primary reference clocks (PRC) are used to improve network fail-safe protection. If no operation error occurs, a first reference clock signal (RCS), sent to the network elements, is used to synchronize. A second reference clock signal acts as a substitute signal to synchronize in the event of an error.
DETAILED DESCRIPTION - One RCS is assigned to test both RCSs by using a preset bit sequence in the header range of message signals (STM-N) created with the reference clock signal or by admitting a reference clock signal with a phase modulation (PM1,PM2).
USE - In sychronous digital hierarchies and synchronous optical networks.
ADVANTAGE - This method ensures that networks fitted with several primary clock generators can be synchronized on a single reference clock.
DESCRIPTION OF DRAWING(S) - The figure shows interplay between a primary clock generator and a network element.
Networks elements (NE)
Primary reference clocks (PRC)
Message signals (STM-N)
Phase modulations (PM1,PM2)
pp; 13 DwgNo 2/8
Title Terms: METHOD; PRIMARY; REFERENCE; CLOCK; GENERATOR; NETWORK; ELEMENT ; SYNCHRONOUS; DIGITAL; MESSAGE; TRANSFER; NETWORK
Derwent Class: W01
International Patent Class (Main): H04J-003/06; H04L-007/04
International Patent Class (Additional): **G06F-001/12** ; H04B-001/74; H04L-005/22; H04L-012/50
File Segment: EPI

10/5/18 (Item 18 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012936365 **Image available**
WPI Acc No: 2000-108212/200010
XRPX Acc No: N00-083238

Clock signal generator and synchronization process for use with data transfer networks

Patent Assignee: ALCATEL (COGE)
Inventor: **WOLF M**
Number of Countries: 027 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 973263	A2	20000119	EP 99440166	A	19990625	200010	B
DE 19830260	A1	20000113	DE 1030260	A	19980707	200010	
CA 2276815	A1	20000107	CA 2276815	A	19990705	200025	
US 6181175	B1	20010130	US 99340673	A	19990629	200108	
EP 973263	B1	20030924	EP 99440166	A	19990625	200363	
DE 59907087	G	20031030	DE 507087	A	19990625	200377	
			EP 99440166	A	19990625		

Priority Applications (No Type Date): DE 1030260 A 19980707
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 973263	A2	G	6	H03L-007/085	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
DE 19830260	A1			H03K-003/02	
CA 2276815	A1	E		H03K-005/13	
US 6181175	B1			H03L-007/00	
EP 973263	B1	G		H03L-007/085	
Designated States (Regional): DE FI FR GB IT SE					
DE 59907087	G			H03L-007/085	Based on patent EP 973263

Abstract (Basic): EP 973263 A2

NOVELTY - A mechanism (WD) for detection of an acquisition window is provided as well as a mechanism for deciding whether the correction signal lies within the acquisition window. If this is the case, compensation of the oscillator signal is arranged by using the correction signal.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a method for production of an input signal synchronized to the clock signal.

USE - For synchronization of the network elements for data transfer using synchronous digital hierarchies or synchronous optical networks.

ADVANTAGE - Phase transients are suppressed.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic block diagram of a clock signal generator

Input signal (IN)
Clock signal (CLK)
Phase comparator (PK)
Oscillator (OSC)
Window detection means (WD)
pp; 6 DwgNo 1/3

Title Terms: CLOCK; SIGNAL; GENERATOR; SYNCHRONISATION; PROCESS; DATA; TRANSFER; NETWORK
Derwent Class: U22; U23
International Patent Class (Main): H03K-003/02; H03K-005/13; H03L-007/00; H03L-007/085
International Patent Class (Additional): **G06F-001/04** ; H03K-005/135; H04L-007/033
File Segment: EPI

10/5/19 (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011982582
WPI Acc No: 1998-399492/199834
XRPX Acc No: N98-310775
Multi-homed computer network - in which multiple internetwork communication paths are provided for server computer for connection to **client**
Patent Assignee: MPATH INTERACTIVE INC (MPAT-N)
Inventor: **GRIMM S M** ; KWIATKOWSKI M P
Number of Countries: 080 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9831125	A1	19980716	WO 97US23955	A	19971231	199834	B
AU 9858078	A	19980803	AU 9858078	A	19971231	199850	

Priority Applications (No Type Date): US 9734534 P 19970106
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9831125	A1	E	14	H04L-012/28	

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9858078	A		H04L-012/28	Based on patent WO 9831125

Abstract (Basic): WO 9831125 A
The computer network includes server and client computers and a computer network. The server computer has multiple different addresses that identify the server computer. The communication network couples the server and client computers to enable communication between them. The communication network provides at least two communication paths between the server and client computers.
USE - Providing multiple data communications routes between client and server computers.
ADVANTAGE - Permits networked computers to communicate with other computers. Provides data-communication links between computers such that quality of game play is increased.
Dwg.0/1
Title Terms: MULTI; HOME; COMPUTER; NETWORK; MULTIPLE; COMMUNICATE; PATH; SERVE; COMPUTER; CONNECT; CLIENT
Derwent Class: T01; W01
International Patent Class (Main): H04L-012/28
International Patent Class (Additional): **G06F-015/16** ; H04L-012/46
File Segment: EPI

10/5/20 (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011502489 **Image available**
WPI Acc No: 1997-480403/199744
XRPX Acc No: N97-400627

Network match maker for selecting clients based on system attributes - has match maker program with ability to receive requests from other computers and match request with attributes of client computers

Patent Assignee: MPATH INTERACTIVE INC (MPAT-N); LEAP WIRELESS INT INC (LEAP-N); HEARME (HEAR-N)
Inventor: **GRIMM S M ; ROTHSCHILD J J ; SAMUEL D J ; WOLF M A**
Number of Countries: 077 Number of Patents: 009
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9735258	A1	19970925	WO 97US4716	A	19970320	199744 B
AU 9723430	A	19971010	AU 9723430	A	19970320	199806
US 5828843	A	19981027	US 9613812	P	19960321	199850
			US 97822289	A	19970320	
US 5894556	A	19990413	US 9613812	P	19960321	199922
			US 97822785	A	19970320	
EP 965084	A1	19991222	EP 97916187	A	19970320	200004
			WO 97US4716	A	19970320	
JP 2000508097	W	20000627	JP 97533778	A	19970320	200036
			WO 97US4716	A	19970320	
US 6128660	A	20001003	US 9613812	P	19960321	200050
			US 97821279	A	19970320	
US 6345297	B1	20020205	US 9613812	P	19960321	200211
			US 97821279	A	19970320	
			US 2000578683	A	20000526	
US 20020091833	A1	20020711	US 9613812	P	19960321	200248
			US 97821279	A	19970320	
			US 2000578683	A	20000526	
			US 2001997194	A	20011129	

Priority Applications (No Type Date): US 9613812 P 19960321; US 97822289 A 19970320; US 97822785 A 19970320; US 97821279 A 19970320; US 2000578683 A 20000526; US 2001997194 A 20011129
Cited Patents: US 5187790; US 5329619; US 5341477; US 5367635; US 5442749; US 5600833
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9735258	A1	E	44	G06F-013/00	
Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU					
Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG					
AU 9723430	A				Based on patent WO 9735258
US 5828843	A			G06F-016/16	Provisional application US 9613812
US 5894556	A			G06F-015/16	Provisional application US 9613812
EP 965084	A1	E			Based on patent WO 9735258
Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI LT LU LV MC NL PT RO SE SI					
JP 2000508097	W		47	G06F-015/16	Based on patent WO 9735258
US 6128660	A			G06F-016/16	Provisional application US 9613812
US 6345297	B1			G06F-015/16	Provisional application US 9613812
					Cont of application US 97821279
					Cont of patent US 6128660
US 20020091833	A1			G06F-015/16	Provisional application US 9613812
					Cont of application US 97821279
					Cont of application US 2000578683

Cont of patent US 6128660
Cont of patent US 6345297

Abstract (Basic): WO 9735258 A

The match-maker method involves creating matched sets of users on a multi-user network application. Each user is associated with a client program (CL1) of a client computer connected to the network. The clients are selected into matched sets based on attributes of their users, the clients, servers and communication links.

The network match maker server program (MM) works with three different forms of network applications consisting of peer to peer, multiple clients to a single server and multiple clients to multiple servers.

USE/ADVANTAGE - For On-line chat environment. Provides automated matching of users and allows them to select attributes of person that they require to be matched with.

Dwg.1/11

Title Terms: NETWORK; MATCH; MAKER; SELECT; CLIENT; BASED; SYSTEM; ATTRIBUTE; MATCH; MAKER; PROGRAM; ABILITY; RECEIVE; REQUEST; COMPUTER; MATCH; REQUEST; ATTRIBUTE; CLIENT; COMPUTER

Derwent Class: P36; T01; W01; W04

International Patent Class (Main): **G06F-013/00** ; **G06F-015/16** ; **G06F-016/160**

International Patent Class (Additional): A63F-013/00; H04L-012/56

File Segment: EPI; EngPI

16/5/12 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX

001883886
WPI Acc No: 1978-B3119A/ **197806**
Electronic data processing system - has cache address buffer and priority network for determining match condition and priority of users respectively
Patent Assignee: SPERRY RAND CORP (SPER)
Inventor: SCHEUNEMAN J H
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 4070706	A	19780124				197806	B

Priority Applications (No Type Date): US 76724681 A 19760920

Abstract (Basic): US 4070706 A
The appts. comprises a data processing system. Cache memory system which incorporates a separate Cache memory or associative memory for each Roquestor, each of which Cache memories is comprised of an Address Buffer or Search memory, in which the associated Requesters' addresses are stored, and a Data Buffer or Associated memory, in which the data that are associated with each of the Requesters' address are stored.
While the Priority Request signals from all of the requesting Requesters are being coupled to the single Priority Network, each of the requesting Requesters' addresses is coupled to each of the requesting Requesters' separately associated Cache memory. The Cache Address Buffer performs Match determination.
Title Terms: ELECTRONIC; DATA; PROCESS; SYSTEM; CACHE; ADDRESS; BUFFER; PRIORITY; NETWORK; DETERMINE; MATCH; CONDITION; PRIORITY; USER; RESPECTIVE
Derwent Class: T01
International Patent Class (Additional): **G06F-009/18**
File Segment: EPI

21/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014289950 **Image available**
WPI Acc No: 2002-110651/200215
Related WPI Acc No: 1993-276895; 2002-110650; 2002-110652; 2002-110653
XRPX Acc No: N02-082637
E-mail information management device for computer network , compares **the assigned** attribute **information and ID number, to retrieve corresponding e-mail information**
Patent Assignee: FUJI XEROX CO LTD (XERF)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001350697	A	20011221	JP 924116	A	19920113	200215 B
			JP 2001117047	A	19920113	

Priority Applications (No Type Date): JP 924116 A 19920113; JP 2001117047 A 19920113
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001350697	A		16	G06F-013/00	Div ex application JP 924116

Abstract (Basic): JP 2001350697 A
NOVELTY - A memory stores various e-mail information along with identification (ID) number of each user. A processor (100) assigns attribute information for recognizing access state of each e-mail. The attribute information and ID number are matched to retrieve specific e-mail and is output through an output unit (80).
DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for e-mail information management method.
USE - For managing e-mail information in computer network.
ADVANTAGE - Ensures effective management of e-mail by recognizing the access status correctly.
DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of e-mail information management device. (Drawing includes non-English language text).
Output unit (80)
Processor (100)
pp; 16 DwgNo 1/8
Title Terms: MAIL; INFORMATION; MANAGEMENT; DEVICE; COMPUTER; NETWORK; COMPARE; ASSIGN; ATTRIBUTE; INFORMATION; ID; NUMBER; RETRIEVAL; CORRESPOND; MAIL; INFORMATION
Derwent Class: T01
International Patent Class (Main): **G06F-013/00**
File Segment: EPI

21/5/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011700466 **Image available**
WPI Acc No: 1998-117376/199811
XRPX Acc No: N98-094288
Communication control procedure dynamic modification system for online **information processing - performs loading of control program which controls selected communication control procedure from terminal management table, on telecommunication controller**
Patent Assignee: NEC CORP (NIDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 10004440	A	19980106	JP 96175738	A	19960614	199811	B

Priority Applications (No Type Date): JP 96175738 A 19960614
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10004440	A		8	H04L-029/06	

Abstract (Basic): JP 10004440 A

The system includes a program unit which performs online information processing within a **terminal** (21-2n). A **terminal** management table (9) controls the communication control procedure used by the **terminal** and **matches** the subscriber number of the **terminal** using a public circuit **network** (3). A service **condition** management table which controls service **condition** of some circuits between the **network** and a host **computer** (1), is provided in a communication management unit (8).

A telecommunication controller (51-5m) notifies the subscriber number of the terminal to the communication management unit, as a receiving call indication. The communication management unit selects the communication control procedure corresponding to the indicated subscriber number from the terminal management table. Then, loading of the communication procedure control program (7) which controls the selected control procedure is performed on the telecommunication controller.

ADVANTAGE - Enables effective utilization of circuit connected to host.

Dwg.1/5
Title Terms: COMMUNICATE; CONTROL; PROCEDURE; DYNAMIC; MODIFIED; SYSTEM; INFORMATION; PROCESS; PERFORMANCE; LOAD; CONTROL; PROGRAM; CONTROL; SELECT; COMMUNICATE; CONTROL; PROCEDURE; TERMINAL; MANAGEMENT; TABLE; TELECOMMUNICATION; CONTROL
Derwent Class: T01; W01
International Patent Class (Main): H04L-029/06
International Patent Class (Additional): **G06F-013/00** ; H04M-011/00
File Segment: EPI

21/5/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011518212 **Image available**
WPI Acc No: 1997-494698/199746
XRPX Acc No: N97-411862

Electronic information transfer method for electronic information service system using Internet - involves transferring electronic information described by transfer mail condition list, from mail server to client, together with server mail preserving list published by mail server according to request from client

Patent Assignee: TOSHIBA KK (TOKE)
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 9231146	A	19970905	JP 9633722	A	19960221	199746	B
JP 3505309	B2	20040308	JP 9633722	A	19960221	200418	

Priority Applications (No Type Date): JP 9633722 A 19960221
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9231146	A		12	G06F-013/00	
JP 3505309	B2		12	G06F-013/00	Previous Publ. patent JP 9231146

Abstract (Basic): JP 9231146 A

The method involves publishing list request from client (2) which demands acquisition of a server mail preserving list (13), by a mail server (1). An electronic information described by a transfer mail condition list (32) and coincides on transfer conditions is selected within the electronic information currently stored in the mail server.

The electronic information is selected within the mail server according to the published list request from the client. The selected electronic information is then transferred in the client from the mail server, together with the server mail preserving list.

ADVANTAGE - Transfers electronic information, e.g. electronic mail, electronic news, from server to **client** , by simultaneously transmitting electronic information which **matches** with designated **transfer conditions** . Reduces frequency of **communication** between **client** and server.

Dwg.1/8

Title Terms: ELECTRONIC; INFORMATION; TRANSFER; METHOD; ELECTRONIC; INFORMATION; SERVICE; SYSTEM; TRANSFER; ELECTRONIC; INFORMATION; DESCRIBE ; TRANSFER; MAIL; CONDITION; LIST; MAIL; SERVE; CLIENT; SERVE; MAIL; PRESERVE; LIST; MAIL; SERVE; ACCORD; REQUEST; CLIENT
Derwent Class: T01; W01
International Patent Class (Main): **G06F-013/00**
International Patent Class (Additional): **G06F-012/00** ; H04L-012/54; H04L-012/58
File Segment: EPI

22/5/5 (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO

04480321 **Image available**
INFORMATION TRANSMITTING SYSTEM

PUB. NO.: 06-124221 [JP 6124221 A]
PUBLISHED: May 06, 1994 (**19940506)**
INVENTOR(s): AMADA HIROYUKI
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 04-273126 [JP 92273126]
FILED: October 12, 1992 (19921012)
INTL CLASS: [5] **G06F-012/00** ; **G06F-012/00**
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: P, Section No. 1781, Vol. 18, No. 417, Pg. 64, August 04, 1994 (19940804)

ABSTRACT

PURPOSE: To reduce the burden of a data base and its utilizing system in the information transmitting system which transmits the information generated in this system to the utilizing system through the data base.

CONSTITUTION: When information updating is present in the data base 2, a transmitting condition holding means 5 holds this conditions for transmittring it to the utilizing system 9 and the **transmitting condition** coincidence decision means 6 **compares** the contents with the **transmitting conditions** held by the tranmitting **condition** holding means 5 and in the case of coincidence, transmits that effect to the utilizing system 9, issues the retreival request of the updated information to a data base management system 3 thereafter, receives a retreived result from the data base management system 3 and transmits it to the utilizing system 9.

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Set     Items   Description
S1    3835345   NETWORK? OR LINK OR COMMUNICATION? ? OR ROUTING OR TRANSMIT
            OR TRANSMITTING OR TRANSFER OR TRANSFERRING OR TRANSMISSION -
           OR TRANSPORT OR TRANSPORTING
S2    2314184   PROPERTY OR PROPERTIES OR ATTRIBUTE? ? OR CRITERION OR CON-
           DITION? ? OR PARAMETER? ?
S3     990868   MATCH? OR COMPARE? ? OR COMPARISON? ? OR COMPARING
S4    5174110   CLIENT? ? OR PLAYER? ? OR USER? ? OR ENDUSER? ? OR END()US-
           ER? ? OR MEMBER? ? OR MACHINE? ? OR COMPUTER? ? OR NODE? ? OR
           TERMINAL? ? OR WORKSTATION? ?
S5    3781626   QUERY OR QUERIES OR QUERYING OR SEARCH?? OR SEARCHING OR S-
           EEK? ? OR SEEKING OR (LOOK OR LOOKING)()(UP OR FOR) OR LOOKUP
           OR FIND OR FINDING OR FOUND OR LOCATE? ? OR LOCATING OR LOCAT-
           OR? ? OR OBTAIN?? OR OBTAINING OR RETRIEVE? ? OR RETRIEVING OR
            RETRIEVAL O
S6     371118   PING OR PINGING OR LATENCY OR CONGESTION OR DELAY OR LAG OR
            LAGGING OR BANDWIDTH OR THRUPUT OR THROUGHPUT OR (THRU OR TH-
           ROUGH)()PUT OR (TRANSMISSION OR TRANSMIT? OR TRANSFER? OR DAT-
           A)()(RATE? ? OR RATING? ?) OR (COUNT OR NUMBER)(3N)HOP? ?
S7     443182   NETWORK? OR PEER()TO()PEER OR P2P OR MULTICOMPUTER OR MULT-
           I()COMPUTER
S8       3725   S3 (10N) S4 (10N) S7
S9      58980   S1 (5N) S2
S10       908   S5 (10N) S4 (10N) S9
S11        87   S10 AND AY=1963:1996
S12        38   S11 AND IC=G06F
S13        38   IDPAT (sorted in duplicate/non-duplicate order)
S14        38   IDPAT (primary/non-duplicate records only)
S15       146   S10 AND PY=1976:1996
S16       130   S15 NOT S14
S17        28   S16 AND IC=G06F
S18        28   IDPAT (sorted in duplicate/non-duplicate order)
S19        28   IDPAT (primary/non-duplicate records only)
S20       944   S3 (10N) S6 (10N) S4
S21       438   S20 AND PY=1976:1996
S22        70   S21 AND IC=G06F
S23        70   IDPAT (sorted in duplicate/non-duplicate order)
S24        68   IDPAT (primary/non-duplicate records only)
S25       203   S20 AND S7
S26        49   S25 AND PY=1976:1996
S27        16   S26 AND IC=G06F
S28        16   IDPAT (sorted in duplicate/non-duplicate order)
S29        16   IDPAT (primary/non-duplicate records only)
S30        43   S25 AND AY=1963:1996
S31        12   S30 AND IC=G06F
S32        12   IDPAT (sorted in duplicate/non-duplicate order)
S33        12   IDPAT (primary/non-duplicate records only)
S34         2   S33 NOT S29
File 347:JAPIO Nov 1976-2005/Nov(Updated 060302)
         (c) 2006 JPO & JAPIO
File 350:Derwent WPIX 1963-2006/UD,UM &UP=200615
         (c) 2006  Thomson Derwent
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14/5/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013203518 **Image available**
WPI Acc No: 2000-375391/200032
Related WPI Acc No: 1999-394068
XRPX Acc No: N00-281949

Configuration parameter value access system for computer system, performs access operation in accord with parameter identified by an identifier provided in access request

Patent Assignee: SUN MICROSYSTEMS INC (SUNM)
Inventor: CARNEY M W; LAUTMAN M U; PITTORE W F
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6061693	A	20000509	US 95554557	A	19951106	200032	B
			US 99286688	A	19990405		

Priority Applications (No Type Date): US 95554557 A 19951106; US 99286688 A 19990405
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6061693	A		22	G06F-017/30	Div ex application US 95554557 Div ex patent US 5913218

Abstract (Basic): US 6061693 A

NOVELTY - A file identifier generator generates a file identifier for the filename provided in the confirmation parameter access request. A configuration parameter access module performs access operation in accord with parameter identified by a parameter identifier provided in the access request in the file identified by the file identifier.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for configuration parameter access method.

USE - For **retrieving** configuration **parameter** values for application programs in **networked** digital **computer** system.

ADVANTAGE - Enables effectively accessing the parameter values.

DESCRIPTION OF DRAWING(S) - The figure shows functional block diagram depicting data structure in configuration parameter value retrieval and updating system.

pp; 22 DwgNo 2/7

Title Terms: CONFIGURATION; PARAMETER; VALUE; ACCESS; SYSTEM; COMPUTER; SYSTEM; PERFORMANCE; ACCESS; OPERATE; ACCORD; PARAMETER; IDENTIFY; IDENTIFY; ACCESS; REQUEST
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

14/5/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012596866 **Image available**
WPI Acc No: 1999-402972/199934
XRPX Acc No: N00-440370

Multicast routing apparatus for data communication network, has multicast routing processor to search cost optimized multicast route with respect to multicast routing request, by node interface control processor

Patent Assignee: KOREA ELECTRONICS & TELECOM RES INST (KOEL-N); KOREA TELECOM CORP (KOTE-N); KOREA ELECTRONICS & TELECOM RES (KOEL-N); KOREA TELECOM (KOTE-N); ELECTRONICS & TELECOM RES INST (ELTE-N)
Inventor: GO B; KIM B; YANG S; KIM B T; KOH B D; YANG S H

Number of Countries: 002 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
KR 98037020	A	19980805	KR 9655702	A	19961120	199934	B
US 6088333	A	20000711	US 97971118	A	19971114	200057	
KR 194608	B1	19990615	KR 9655702	A	19961120	200059	

Priority Applications (No Type Date): KR 9655702 A 19961120
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 98037020	A			H04L-012/56	
US 6088333	A		14	H04L-012/46	
KR 194608	B1			H04L-012/56	

Abstract (Basic): US 6088333 A

NOVELTY - A **node** processor disposed on each of destination **nodes** for receiving information of source **node** , service type and **routing** constraint **conditions** , transmits multicast **routing** request through **network** manager processor to multicast routing processor. A multicast routing processor **searches** the cost optimized multicast route corresponding to the multicast routing request from associated subscriber.

DETAILED DESCRIPTION - The node interface control processor is interfaced between destination and source nodes and network manager processor. The network manager processor initializes configuration and status data of network, for generating initialization data. The network model processor creates network model for multicast routing based on configuration characteristic of network source and status data. An INDEPENDENT CLAIM is also included for multicast routing method.

USE - For use in data communication network such as private or public asynchronous transfer mode networks.

ADVANTAGE - Assigns common link with respect to multiple destination nodes, thereby improving link use efficiency. Maximizes overlapping effects of path between multiple destination, thereby minimizing number of links and switches used in multicast communication.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic block diagram of multicast routing apparatus.

pp; 14 DwgNo 2/6

Title Terms: ROUTE; APPARATUS; DATA; COMMUNICATE; NETWORK; ROUTE; PROCESSOR ; SEARCH; COST; ROUTE; RESPECT; ROUTE; REQUEST; NODE; INTERFACE; CONTROL; PROCESSOR
Derwent Class: T01; W01
International Patent Class (Main): H04L-012/46; H04L-012/56
International Patent Class (Additional): **G06F-013/00**
File Segment: EPI

14/5/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011935627 **Image available**
WPI Acc No: 1998-352537/199831
XRPX Acc No: N98-275663

Advertisement information transmission system using personal computer connected in internet, large scale LAN - displays information read out by read out unit in response to attribute matched by searching unit, to corresponding user

Patent Assignee: IMAMURA S (IMAM-I)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 10134080	A	19980522	JP 96305522	A	19961101	199831	B

Priority Applications (No Type Date): JP 96305522 A 19961101
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10134080	A		9	G06F-017/30	

Abstract (Basic): JP 10134080 A

The system includes a pair of user profile registration unit that registers user's taste attribute and dislike attribute (1a,1b) respectively. A user profile memory (2) stores the registered user profiles. A pair of information transmission profile registration unit (3a,3b) registers the information and attribute classification index. An information transmission profile memory (4) stores the information transmission profiles. A searching unit (5) matches each attribute in attribute classification index with each attribute of the user profile which are stored in respective memory units.

A pair of read out units (6a,6b) reads out the contents in the information **transmission** profile which has **attribute** classification index matched by the **searching** unit either from the information transmission profile memory or **user** profile memory. A **user** is corresponded in response to user profile matched by the search unit and the information presentation unit (7a,7b) displays the read out information.

USE - In wireless communication and radio broadcasting.

ADVANTAGE - Facilitates information transmission within short time. Facilitates display of lot of information to many users and unspecified users.

Dwg.1/6

Title Terms: ADVERTISE; INFORMATION; TRANSMISSION; SYSTEM; PERSON; COMPUTER ; CONNECT; SCALE; LAN; DISPLAY; INFORMATION; READ; READ; UNIT; RESPOND; ATTRIBUTE; MATCH; SEARCH; UNIT; CORRESPOND; USER
Derwent Class: T01
International Patent Class (Main): **G06F-017/30**
International Patent Class (Additional): **G06F-013/00**
File Segment: EPI

14/5/13 (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011470960 **Image available**
WPI Acc No: 1997-448867/199741
Related WPI Acc No: 1997-393866; 1997-448866
XRPX Acc No: N97-374026

Communication system for distributing such message as advertisement to user of terminal equipment - retrieves **message from message** transmitting condition **database using characteristics of** user **read from** user **database, and transmits message to** user terminal **if** user **is active**

Patent Assignee: AIM CORP (AIMA-N); CHEIL COMMUNICATIONS INC (CHEI-N); AIM KK (AIMA-N); INTER Q KK (INTE-N); HYPER NET INC (HYPE-N); NETZERO INC (NETZ-N)
Inventor: FUJITA N; ITAKURA Y; TSUTSUI Y
Number of Countries: 072 Number of Patents: 013
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9732258	A1	19970904	WO 97JP564	A	19970226	199741	B
AU 9722305	A	19970916	AU 9722305	A	19970226	199803	
JP 9530791	X	19990427	JP 97530791	A	19970226	199927	
			WO 97JP564	A	19970226		
EP 955589	A1	19991110	EP 97905408	A	19970226	199952	
			WO 97JP564	A	19970226		
JP 2000148801	A	20000530	JP 97530791	A	19970226	200033	N
			JP 99358196	A	19970226		
KR 99081849	A	19991115	WO 97JP564	A	19970226	200052	
			KR 98705560	A	19980721		
JP 2001014352	A	20010119	JP 97530791	A	19970226	200107	
			JP 2000126710	A	19970226		
JP 2002014998	A	20020118	JP 97530791	A	19970226	200211	
			JP 2001116694	A	19970226		
JP 2002041566	A	20020208	JP 97530791	A	19970226	200215	
			JP 2001116652	A	19970226		
US 6351745	B1	20020226	US 9622171	P	19960715	200220	
			US 9623577	P	19960819		
			US 97795397	A	19970204		
			WO 97JP564	A	19970226		
			US 98125894	A	19980827		
KR 304836	B	20011122	WO 97JP564	A	19970226	200244	
			KR 98705560	A	19980721		
JP 3479627	B2	20031215	JP 97530791	A	19970226	200405	
			JP 2000126710	A	19970226		
US 20040049519	A1	20040311	US 9622171	P	19960715	200419	
			US 9623577	P	19960819		
			US 97795397	A	19970204		
			WO 97JP564	A	19970226		
			US 98125894	A	19980827		
			US 2001977169	A	20011011		

Priority Applications (No Type Date): US 97795397 A 19970204; JP 9667278 A 19960228; JP 96139689 A 19960510; US 9622171 P 19960715; US 9623577 P 19960819; JP 99358196 A 19970226
Cited Patents: 3.Jnl.Ref; AU 7293393; CA 2132719; DE 3751518; EP 275328; EP 638186; EP 732660; EP 734556; JP 7507169; JP 8055167; JP 8087489; JP 8115367; JP 8256142; JP 9083678; JP 9091215; JP 9114781; JP 9500470; JP 63037726; US 4905080; US 5305195; WO 8811117; WO 9319427; WO 9516971
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9732258	A1	J	91	G06F-015/00	

Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KR KZ LK LR LS LT LU LV MD MG MK MN

MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN
Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG

AU 9722305	A			Based on patent WO 9732258
JP 9530791	X			Based on patent WO 9732258
EP 955589	A1 E			Based on patent WO 9732258

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

JP 2000148801	A	43	G06F-017/30	Div ex application JP 97530791
KR 99081849	A		G06F-015/00	Based on patent WO 9732258
JP 2001014352	A	35	G06F-017/30	Div ex application JP 97530791
JP 2002014998	A	37	G06F-017/30	Div ex application JP 97530791
JP 2002041566	A	35	G06F-017/30	Div ex application JP 97530791
US 6351745	B1		G06F-017/30	Provisional application US 9622171 Provisional application US 9623577 Cont of application US 97795397 Based on patent WO 9732258
KR 304836	B		G06F-015/00	Previous Publ. patent KR 99081849 Based on patent WO 9732258
JP 3479627	B2	36	G06F-017/30	Div ex application JP 97530791 Previous Publ. patent JP 2001014352
US 20040049519	A1		G06F-007/00	Provisional application US 9622171 Provisional application US 9623577 CIP of application US 97795397 Cont of application WO 97JP564 Cont of application US 98125894 Cont of patent US 6351745

Abstract (Basic): WO 9732258 A

The information providing system which provides users with suitable information is provided with terminals connected to a communication network, a user database for storing the characteristics of each **user** of a **terminal** , a message database for storing messages transmitted to the **users** , and a message **transmitting condition** database for storing the characteristics of **users** to whom messages are to be transmitted. A message **retrieving** device **retrieves** a message from the message **transmitting condition** database by using the characteristics of a **user** read from the **user** database.

A further device reads out the retrieved message from the message database, and a transmitting device transmits the read messages to the terminal of the user. A device increases a parameter correlated with each user when a transmitted message is displayed on the terminal of the user. A detector detects whether the user is active or not, and a stopping device stops the increase of the parameter when the user is inactive.

Dwg.1/37

Title Terms: COMMUNICATE; SYSTEM; DISTRIBUTE; MESSAGE; ADVERTISE; USER; TERMINAL; EQUIPMENT; RETRIEVAL; MESSAGE; MESSAGE; TRANSMIT; CONDITION; DATABASE; CHARACTERISTIC; USER; READ; USER; DATABASE; TRANSMIT; MESSAGE; USER; TERMINAL; USER; ACTIVE

Derwent Class: P85; T01; W01

International Patent Class (Main): **G06F-007/00** ; **G06F-015/00** ; **G06F-017/30**

International Patent Class (Additional): **G06F-003/00** ; **G06F-012/00** ; **G06F-013/00** ; **G06F-017/60** ; G06F-019/00 ; H04L-012/54; H04L-012/58

File Segment: EPI; EngPI

14/5/14 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011470959 **Image available**
WPI Acc No: 1997-448866/199741
Related WPI Acc No: 1997-393866; 1997-448867
XRPX Acc No: N97-374025

Internet communication system providing tailored output for user - includes provision and retrieval devices supplying information on WWW to user terminal and receiving user terminal information in return

Patent Assignee: AIM CORP (AIMA-N); AIM KK (AIMA-N); INTER Q KK (INTE-N); HYPER NET INC (HYPE-N); CHEIL COMMUNICATIONS INC (CHEI-N); NETZERO INC (NETZ-N)
Inventor: FUJITA N; ITAKURA Y; TSUTSUI Y
Number of Countries: 072 Number of Patents: 018
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9732257	A1	19970904	WO 97JP563	A	19970226	199741	B
AU 9718116	A	19970916	AU 9718116	A	19970226	199803	
EP 887743	A1	19981230	EP 97903613	A	19970226	199905	
			WO 97JP563	A	19970226		
JP 9530790	X	19990427	JP 97530790	A	19970226	199927	
			WO 97JP563	A	19970226		
JP 2000148802	A	20000530	JP 97530790	A	19970226	200033	N
			JP 99360037	A	19970226		
KR 99081848	A	19991115	WO 97JP563	A	19970226	200052	
			KR 98705559	A	19980721		
US 6157946	A	20001205	WO 97JP563	A	19970226	200066	
			US 98125833	A	19980826		
JP 2001016571	A	20010119	JP 97530790	A	19970226	200107	
			JP 2000126705	A	19970226		
JP 2001351016	A	20011221	JP 97530790	A	19970226	200206	
			JP 2001116815	A	19970226		
JP 2002007243	A	20020111	JP 97530790	A	19970226	200208	
			JP 2001116783	A	19970226		
JP 2002007338	A	20020111	JP 97530790	A	19970226	200208	
			JP 2001116720	A	19970226		
JP 2002007817	A	20020111	JP 97530790	A	19970226	200208	
			JP 2001116741	A	19970226		
KR 304835	B	20011122	WO 97JP563	A	19970226	200244	
			KR 98705559	A	19980721		
JP 3502357	B2	20040302	JP 97530790	A	19970226	200416	
			JP 2001116741	A	19970226		
JP 3502358	B2	20040302	JP 97530790	A	19970226	200416	
			JP 2001116815	A	19970226		
JP 3602021	B2	20041215	JP 97530790	A	19970226	200482	N
			JP 99360037	A	19991217		
JP 3602033	B2	20041215	JP 97530790	A	19970226	200482	
			JP 2000126705	A	20000426		
JP 3602066	B2	20041215	JP 97530790	A	19970226	200482	
			JP 2001116720	A	20010416		

Priority Applications (No Type Date): US 97800714 A 19970214; JP 9667278 A 19960228; JP 96139689 A 19960510; JP 99360037 A 19970226
Cited Patents: AU 7293393; CA 2132719; EP 638186; EP 732660; EP 734556; JP 4216157; JP 5233656; JP 7507169; JP 8087489; JP 8256142; JP 9083678; JP 9114781; JP 991215; JP 63299453; US 5305195; WO 9319427; WO 9516971
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9732257	A1	J	81	G06F-015/00	

Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN
Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT

KE LS LU MC MW NL OA PT SD SE SZ UG

AU 9718116	A			Based on patent WO 9732257
EP 887743	A1 E			Based on patent WO 9732257
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE				
JP 9530790	X			Based on patent WO 9732257
JP 2000148802	A	40	G06F-017/30	Div ex application JP 97530790
KR 99081848	A		G06F-015/00	Based on patent WO 9732257
US 6157946	A		G06F-015/16	Based on patent WO 9732257
JP 2001016571	A	33	H04N-007/173	Div ex application JP 97530790
JP 2001351016	A	34	G06F-017/60	Div ex application JP 97530790
JP 2002007243	A	34	G06F-013/00	Div ex application JP 97530790
JP 2002007338	A	33	G06F-015/00	Div ex application JP 97530790
JP 2002007817	A	33	G06F-017/60	Div ex application JP 97530790
KR 304835	B		G06F-015/00	Previous Publ. patent KR 99081848 Based on patent WO 9732257
JP 3502357	B2	34	G06F-017/60	Div ex application JP 97530790 Previous Publ. patent JP 2002007817
JP 3502358	B2	34	G06F-017/60	Div ex application JP 97530790 Previous Publ. patent JP 2001351016
JP 3602021	B2	39	G06F-017/30	Div ex application JP 97530790 Previous Publ. patent JP 2000148802
JP 3602033	B2	39	G06F-017/30	Div ex application JP 97530790 Previous Publ. patent JP 2001016571
JP 3602066	B2	40	G06F-017/30	Div ex application JP 97530790 Previous Publ. patent JP 2002007338

Abstract (Basic): WO 9732257 A

The system includes an information providing device and a retrieval device which continuously provide a user with a message even when the user accesses various sites over the world-wide web. The information provision device transfers a first picture of the world-wide web to a terminal from the web by connecting a first logic line to the communication line between the terminal and provision device.

Identification information is transmitted to the **retrieving** device which receives identification information identifying the **user** of the **terminal** and stores the characteristics of the **user** and the **transmitting condition** of the message by connecting the **retrieving** device to the providing device using a second communication line. Then the providing device reads out the message from a message database based on the message designating information retried by the retrieving device and transmits the message to the terminal by connecting a second logic line to the communication line.

ADVANTAGE - Provides only information required by user in format chosen by user.

Dwg.1/30

Title Terms: COMMUNICATE; SYSTEM; TAILORED; OUTPUT; USER; PROVISION; RETRIEVAL; DEVICE; SUPPLY; INFORMATION; USER; TERMINAL; RECEIVE; USER; TERMINAL; INFORMATION; RETURN

Derwent Class: P85; T01; W01

International Patent Class (Main): **G06F-013/00** ; **G06F-015/00** ; **G06F-015/16** ; **G06F-017/30** ; **G06F-017/60** ; H04N-007/173

International Patent Class (Additional): **G06F-003/00** ; **G06F-019/00** ; H04N-005/76

File Segment: EPI; EngPI

14/5/15 (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011444052 **Image available**
WPI Acc No: 1997-421959/199739
XRPX Acc No: N97-351451
Build-up support method of expert system - by performing network display using network **display unit to alter display** attribute **of** link **between** searched **and selected** nodes
Patent Assignee: MEIDENSHA CORP (MEID)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 9190352	A	19970722	JP 961127	A	19960109	199739	B

Priority Applications (No Type Date): JP 961127 A 19960109
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9190352	A		3		

Abstract (Basic): JP 9190352 A
The method entails storing a production rule in a rule base and using a lied algorithm for the cognitive execution cycle of a reasoning engine. A display unit exhibits a lied network having an existing rule group on a display screen when producing or altering the rule stored in the rule base.
A **search** unit **searches** for a specific **node** when another **node** on the exhibited network is selected. A network display unit performs **network** display to alter the display **attribute** of the **link** between the **nodes** .
ADVANTAGE - Ensures and facilitates production and modification of rule.
Dwg.1/3
Title Terms: BUILD-UP; SUPPORT; METHOD; EXPERT; SYSTEM; PERFORMANCE; NETWORK; DISPLAY; NETWORK; DISPLAY; UNIT; ALTER; DISPLAY; ATTRIBUTE; LINK ; SEARCH; SELECT; NODE
Derwent Class: T01
International Patent Class (Main): **G06F-009/44**
File Segment: EPI

14/5/17 (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011301077 **Image available**
WPI Acc No: 1997-278982/199725
XRPX Acc No: N97-231257
Facsimile machine in LAN - performs communication control of data based on transmitting demand
Patent Assignee: CANON KK (CANO)
Inventor: KONDO M; MATSUEDA K; MATSUMOTO K; SARUWATARI M; SHOJI F; YAMAMURO S
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 9102857	A	19970415	JP 95257773	A	19951004	199725	B
US 5949978	A	19990907	US 96723521	A	19960930	199943	

Priority Applications (No Type Date): JP 95257773 A 19951004
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9102857	A		10	H04N-001/32	
US 5949978	A			G06F-015/16	

Abstract (Basic): JP 9102857 A
The machine is connected to LAN (126). When a data is transmitted to a partner communication apparatus which is also connected to LAN, a transmitting demand from a terminal equipment connected to LAN is received.
The **communication parameter** about a partner **communication** apparatus is asked to the **terminal** equipment which is predetermined. Based on the transmitting demand, a communication control of the data is **obtained** on the basis of the **communication parameter** by the inquiry.
ADVANTAGE - Performs transmitting control in proper size.
Dwg.1/5
Title Terms: FACSIMILE; MACHINE; LAN; PERFORMANCE; COMMUNICATE; CONTROL; DATA; BASED; TRANSMIT; DEMAND
Derwent Class: W01; W02
International Patent Class (Main): **G06F-015/16** ; H04N-001/32
International Patent Class (Additional): H04L-012/28; H04L-012/54; H04L-012/58; H04N-001/00
File Segment: EPI

14/5/26 (Item 26 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010502358 **Image available**
WPI Acc No: 1995-403680/199551
XRPX Acc No: N95-292313

Computer based system for controlling movement of at least one material along identified product path within mfg process - analyses transport matrix to determine optimal route based upon user inputs, e.g. most rapid, least expensive, or most reliable form of transport, for transporting material between selected work-stations

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: FLINN D R; LASZCZ J F; WITHERS D H
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5467285	A	19951114	US 91802997	A	19911205	199551	B
			US 94299171	A	19940830		

Priority Applications (No Type Date): US 91802997 A 19911205; US 94299171 A 19940830
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5467285	A		9	G06F-017/00	Cont of application US 91802997

Abstract (Basic): US 5467285 A

The system creates a transport matrix having multiple rows and columns, each associated with a **workstation** within a **computer** based manufacturing system. At each cell within the matrix **located** at an intersection of a selected row and column, the **attributes** for all possible methods of **transport** between the associated **workstations** are listed. Preferably transport attributes, such as transport type, velocity/distance, travel time, capacity, authorization required, fragility, cost and current status of the transport system are listed within the cell and may thereafter be dynamically updated.

After identifying a selected product path an analysis of the transport matrix may be utilized to determine an optimal route based upon user inputs, such as the most rapid, least expensive, or most reliable form of transport, for transporting material between selected workstations.

ADVANTAGE - Suitable for automatic processing.

Dwg.3/7

Title Terms: COMPUTER; BASED; SYSTEM; CONTROL; MOVEMENT; ONE; MATERIAL; IDENTIFY; PRODUCT; PATH; MANUFACTURE; PROCESS; ANALYSE; TRANSPORT; MATRIX ; DETERMINE; OPTIMUM; ROUTE; BASED; USER; INPUT; RAPID; EXPENSE; RELIABILITY; FORM; TRANSPORT; TRANSPORT; MATERIAL; SELECT; WORK; STATION
Derwent Class: T01
International Patent Class (Main): **G06F-017/00**
File Segment: EPI

14/5/30 (Item 30 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010218406 **Image available**
WPI Acc No: 1995-119660/199516
XRPX Acc No: N95-094154

Communication protocol analysis apparatus for computer - uses host computer and computer at terminal side and generates transmission control matrix based on analysis acquired data and checked communication sequence

Patent Assignee: FUJITSU LTD (FUIT)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 7044476	A	19950214	JP 93192277	A	19930803	199516	B

Priority Applications (No Type Date): JP 93192277 A 19930803
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 7044476	A		8	G06F-013/00	

Abstract (Basic): JP 7044476 A

The communication protocol analysis appts. uses a data acquisition system (16) to acquire communication data from two computers (10, 12) from a commonly-connected circuit (14). A communication data analyser (18) is used to analyses the acquired data with a normal fundamental **communication condition** and **communication** sequence of one **computer** . This **computer obtains**

fundamental communication conditions by a computer connection (20). An abnormal type rate circuit (22) checks the abnormal system of communication sequence of this computer. A transmission control matrix generator (24) generates a transmission control matrix for this computer.

ADVANTAGE - Provides automatic analysis. Shortens development term of program counter to communicate with unknown computer. Reduces development cost.

Dwg.1/5

Title Terms: COMMUNICATE; PROTOCOL; ANALYSE; APPARATUS; COMPUTER; HOST; COMPUTER; COMPUTER; TERMINAL; SIDE; GENERATE; TRANSMISSION; CONTROL; MATRIX; BASED; ANALYSE; ACQUIRE; DATA; CHECK; COMMUNICATE; SEQUENCE
Derwent Class: T01; W01
International Patent Class (Main): **G06F-013/00**
International Patent Class (Additional): H04L-029/06
File Segment: EPI

14/5/37 (Item 37 from file: 350)
DIALOG(R)File 350:Derwent WPIX

007820553
WPI Acc No: 1989-085665/198911
XRPX Acc No: N89-065372

Session control in network for digital data processing system - has protocol tower identifying object name along with communications parameters and address information

Patent Assignee: NIPPON DIGITAL EQUIP KK (DIGI)
Inventor: HARPER J; HARVEY G A; HAWE W; KONING G; LAUCK A; MILES K; ORAN D; HARVEY A G
Number of Countries: 007 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 8902129	A	19890309	WO 88US3031	A	19880901	198911	B
EP 329779	A	19890830				198935	
JP 1502861	W	19890928	JP 88507752	A	19880901	198945	
US 5136716	A	19920804	US 8794306	A	19870904	199234	
			US 90492381	A	19900308		
EP 329779	B1	19921209	EP 88908586	A	19880901	199250	
			WO 88US3031	A	19880901		
DE 3876617	G	19930121	DE 3876617	A	19880901	199304	
			EP 88908586	A	19880901		
			WO 88US3031	A	19880901		
CA 1312144	C	19921229	CA 576417	A	19880902	199306	

Priority Applications (No Type Date): US 8794306 A 19870904; US 90492381 A 19900308
Cited Patents: 4.Jnl.Ref
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 8902129	A	E	13		
Designated States (National): JP					
Designated States (Regional): DE FR GB					
EP 329779	A	E			
Designated States (Regional): DE FR GB					
US 5136716	A		8	G06F-003/00	Cont of application US 8794306
EP 329779	B1	E	11	G06F-015/16	Based on patent WO 8902129
Designated States (Regional): DE FR GB NL					
DE 3876617	G			G06F-015/16	Based on patent EP 329779
					Based on patent WO 8902129
CA 1312144	C			G06F-015/16	

Abstract (Basic): WO 8902129 A

The distributed digital data processing system includes nodes which communicate over a network. A node which maintains one or more objects, each of which may be a file, that is, an addressable unit in the system, such as a program database, text file, or the like or a directory which may contain one or more files or other directories. One node maintains a naming serive which associates each object in the system with one or more protocol towers.

Each protocol tower identifies the object name and a series of entries each identifying a name for each of the protocol layers, along with the communications parameters and address information.

When a node requires access to an object maintained by an another node, if first retrieves from the naming service the protocol towers for the object. The node also maintains a tower identifying the names of each of the protocols over which it can communicate. The **node** then compares the protocol names in the **retrieved** protocol towers with the protocol names over which is can communicate. If the protocol names match the **node** uses the **communications parameters** and address

information in furture future communications with the object. If the **node** is unable to identify a **retrieved** protocol tower which matches its supported tower or towers, it is unable to communicate with the object.

1/3

Title Terms: SESSION; CONTROL; NETWORK; DIGITAL; DATA; PROCESS; SYSTEM; PROTOCOL; TOWER; IDENTIFY; OBJECT; NAME; COMMUNICATE; PARAMETER; ADDRESS; INFORMATION

Derwent Class: T01

International Patent Class (Main): **G06F-003/00** ; **G06F-015/16**

International Patent Class (Additional): **G06F-013/38** ; H04L-013/00

File Segment: EPI

19/5/6 (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO

04848673 **Image available**
COMMUNICATION PERFORMANCE ADJUSTMENT PROCESSOR

PUB. NO.: 07-141273 [JP 7141273 A]
PUBLISHED: June 02, 1995 (**19950602)**
INVENTOR(s): KAGEYAMA HIROYASU
NAKANO KENICHI
NAKAMOTO TOYOAKI
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 05-287122 [JP 93287122]
FILED: November 17, 1993 (19931117)
INTL CLASS: [6] **G06F-013/00** ; H04L-029/08
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 44.3 (COMMUNICATION -- Telegraphy)

ABSTRACT

PURPOSE: To provide a communication performance adjustment processor which observe a **communication** state of respective **parameter** values and determines parameter values for **obtaining** an optimum value of communication performance by automatically varying the **communication** control **parameters** as to **communication** control over a **computer** .

CONSTITUTION: A communication processing part 10 sends and receives data to and from an opposite device 17 through a communication line 2, and a specification acceptance part 11 accepts measurement specification, and a parameter variation part 12 sets different parameters in order for specific parameters among communication control parameters 18 according to the specification, and a communication observation part 13 requests the communication processing part 10 to perform a specific communication control process by the respective set parameter values, observes a communication by the requested communication control process, and samples measured values showing specific states by the respective parameter values. Then, an optimum parameter determination part 14 compares the sampled specific values with one another to determine parameter values which make measured values meet specific optimum conditions

19/5/10 (Item 10 from file: 347)
DIALOG(R)File 347:JAPIO

04594618 **Image available**
OPERATION MANUAL EDITOR

PUB. NO.: 06-266518 [JP 6266518 A]
PUBLISHED: September 22, 1994 (**19940922**)
INVENTOR(s): NASHIMOTO CHUZO
TANAKA TAKESHI
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 05-055243 [JP 9355243]
FILED: March 16, 1993 (19930316)
INTL CLASS: [5] **G06F-003/14** ; **G06F-003/14** ; **G06F-003/14** ; **G06F-003/02**

JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units); 44.7 (COMMUNICATION -- Facsimile)
JAPIO KEYWORD:R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers)
JOURNAL: Section: P, Section No. 1847, Vol. 18, No. 676, Pg. 29, December 20, 1994 (19941220)

ABSTRACT

PURPOSE: To unify troublesome operations into a simple service request opera tion by rewriting a guidance program with a program which can be operated and displayed in a communication terminal and building this guidance program in the communication terminal.

CONSTITUTION: Attribute information of the operation display part of a communication **terminal** which desires building-in of the guidance program is reported to this facsimile mail device from this communication **terminal** . Then, a **communication** control part 13 analyzes **attribute** information reported from the **communication terminal** and collates analyzed **attribute** information with attribute information in a **terminal** attribute storage part 25. When attribute information coinciding with analyzed attribute information is **found** by collation, an editing control part 23 rewrites the guidance program with the program which can be operated and displayed in the communication terminal. Further, the communication control part 13 reads out a command stored in a terminal control program storage part 27 as a building-in processing part and starts the control program of the communication terminal by this command to build the rewritten guidance program in the communication terminal.

19/5/11 (Item 11 from file: 347)

04505749 **Image available**
HYPERMEDIUM LINK SYSTEM

PUB. NO.: 06-149649 [JP 6149649 A]
PUBLISHED: May 31, 1994 (**19940531)**
INVENTOR(s): TOYOOKA HIROSHI
ARIMOTO MARE
APPLICANT(s): YOKOGAWA HEWLETT PACKARD LTD [355232] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 04-315746 [JP 92315746]
FILED: October 30, 1992 (19921030)
INTL CLASS: [5] **G06F-012/00** ; **G06F-015/20**
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1793, Vol. 18, No. 460, Pg. 105, August 26, 1994 (19940826)

ABSTRACT

PURPOSE: To provide a hypermedium link system capable of sufficiently expressing various relation among mutual information.
CONSTITUTION: An area expressed by a position AS1 to AE1 in a text included in a file A is allowed to correspond to an area expressed by a position BS1 to BE1 in a text included in a file B based upon the relation of 'reference'. Link collections 207, 219 are respectively arranged on the sides of the files A, B and properties 213, 225 are allowed to correspond to respective collections 207, 219. Information indication the corresponding areas is stored in the **properties** 213, 225. A **link node** 231 having an **attribute** 'reference' is linked with both the link connections. Since plural link connections are arranged, the required number of links can be **obtained** from one file. In addition, an **attribute** can be applied to each **link** and various relation can simply be expressed together with information to be set up in properties.

19/5/14 (Item 14 from file: 347)

04244254 **Image available**
NETWORK INFORMATION RETRIEVAL SYSTEM

PUB. NO.: 05-235954 [JP 5235954 A]
PUBLISHED: September 10, 1993 (**19930910)**
INVENTOR(s): MUTO KATSUE
TANAKA MINORU
FUKUDA HIROSHI
HANAKI ATSUSHI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)
NEC TELECOM SYST LTD [491633] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 04-036711 [JP 9236711]
FILED: February 24, 1992 (19920224)
INTL CLASS: [5] H04L-012/28; **G06F-012/00**
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy); 45.2 (INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: E, Section No. 1479, Vol. 17, No. 691, Pg. 155, December 17, 1993 (19931217)

ABSTRACT

PURPOSE: To shorten the processing time by **transmitting** a **retrieval condition** together with an information request from a center to all **nodes** and allowing only a **node** having the information coincident with the **retrieval** condition to reply the center, thereby rationalizing the **node** information collection method.

CONSTITUTION: When fault information of a level A is retrieved among fault information sets provided to, e.g. each node, a request message with a condition of 'level A only' added as a retrieval condition S to a fault information request (r) is sent to all nodes 1-4. Each node executes the method (retrieval) corresponding to the fault information request (r) under the condition of 'level A only'. In order to return a reply to a node whose retrieval condition is matched, only the node 1 returns information i(1) in this event and the result is acquired by a center. Thus, it is not required to collect the information of all nodes to the center on each occasion and undesired information is not sent to the center

19/5/15 (Item 15 from file: 347)
DIALOG(R)File 347:JAPIO

03952072 **Image available**
VIRTUAL STRUCTURE RETRIEVAL SYSTEM IN HYPER TEXT SYSTEM

PUB. NO.: 04-317172 [JP 4317172 A]
PUBLISHED: November 09, 1992 (**19921109**)
INVENTOR(s): OKUMA OSAMU
APPLICANT(s): FUJI XEROX CO LTD [359761] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 03-084178 [JP 9184178]
FILED: April 16, 1991 (19910416)
INTL CLASS: [5] **G06F-015/40**
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1508, Vol. 17, No. 147, Pg. 40, March 24, 1993 (19930324)

ABSTRACT

PURPOSE: To shorten the retrieval time of a virtual structure link and to efficiently execute retrieval.

CONSTITUTION: When a **node** is updated, a retrieval **node** is checked and it is updated. When a retrieval condition is altered, the **node** **retrieved** by the condition is linked. Namely, the **retrieval** **node** is checked when the new **node** is added. The **link** is generated when the **retrieval** **condition** agrees. The **retrieval** **node** is checked when data on the existed **node** is altered and the link is updated by adjusting it to the **retrieval** condition. When the **node** is eliminated, the **link** is eliminated. When the **retrieval** **condition** of the **retrieval** **node** is altered, the link is updated in accordance with a **retrieval** result. Thus, subsequent wasteful **retrieval** is eliminated with such a processing and the virtual structure of efficient retrieval can be realized.

19/5/16 (Item 16 from file: 347)
DIALOG(R)File 347:JAPIO

03753682 **Image available**
RADIOGRAPH READER

PUB. NO.: 04-118782 [JP 4118782 A]
PUBLISHED: April 20, 1992 (**19920420**)
INVENTOR(s): NAGATA TAKESHI
TANAKA HIROSHI
HISHINUMA KAZUHIRO
APPLICANT(s): FUJI PHOTO FILM CO LTD [000520] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 02-239470 [JP 90239470]
FILED: September 10, 1990 (19900910)
INTL CLASS: [5] **G06F-015/62** ; A61B-006/00; G03B-042/02; **G06F-015/64** ; H04N-005/30; H04N-007/18
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 28.2 (SANITATION -- Medical); 29.1 (PRECISION INSTRUMENTS -- Photography & Cinematography); 44.6 (COMMUNICATION -- Television)
JAPIO KEYWORD:R002 (LASERS); R115 (X-RAY APPLICATIONS)
JOURNAL: Section: P, Section No. 1401, Vol. 16, No. 377, Pg. 12, August 12, 1992 (19920812)

ABSTRACT

PURPOSE: To improve probability to perform regular reading and/or image processing correctly by providing a neural network setting correct/incorrect information inputted from an input means as a teacher signal.

CONSTITUTION: Algorithm to **find** a reading condition suitable for each photographic **condition** , respectively, and the neural **network** different from respective **condition** to decide the correctness/incorrectness of the reading condition are stored in a **computer** system 20. When the completion of adjustment for the density and contrast of a visible image is inputted from a keyboard 43, a corresponding neural network is readout, and the (learning) of the network is performed by setting a pre-read image signal Sp thinned uniformly extending over the entire plane of an X-ray image to reduce the number of input points and the reading condition automatically obtained as input signals, and the correct/incorrect information of the reading condition obtained by the adjustment of a visible image by an operator as the teach signal. In such a way, it is possible to decide the correctness/incorrectness of the reading condition correctly.

19/5/17 (Item 17 from file: 347)
DIALOG(R)File 347:JAPIO

03737742 **Image available**
RADIATION IMAGE READER

PUB. NO.: 04-102842 [JP 4102842 A]
PUBLISHED: April 03, 1992 (**19920403**)
INVENTOR(s): TANAKA HIROSHI
HISHINUMA KAZUHIRO
NAGATA TAKESHI
APPLICANT(s): FUJI PHOTO FILM CO LTD [000520] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 02-220491 [JP 90220491]
FILED: August 22, 1990 (19900822)
INTL CLASS: [5] G03B-042/02; A61B-006/00; **G06F-015/62** ; **G06F-015/64**
JAPIO CLASS: 29.1 (PRECISION INSTRUMENTS -- Photography & Cinematography); 28.2 (SANITATION -- Medical); 45.4 (INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD: R002 (LASERS)
JOURNAL: Section: P, Section No. 1391, Vol. 16, No. 341, Pg. 54, July 23, 1992 (19920723)

ABSTRACT

PURPOSE: To make a device good for using for **user** while it is being used by executing the reeducation of neural **network** for **finding** a reading **condition** , etc., by taking the reading condition, etc., inputted from a condition inputting means as an instructing signal.

CONSTITUTION: When a preliminary read image signal Sp is inputted in the neural network 45 in a computer system, the reader condition (sensitivity Sk and latitude Gp) is found. And a deciding means 46 decides whether the sensitiv ity Sk and the latitude Gp meet a specified condition or not, and when they meet it, the preliminary read image signal Sp is outputted as it is through a switch 47a. When they don't meet it, the switches 47a and 47b are switched, the preliminary read image signal Sp, the sensitivity Sk and the latitude Gp are inputted in the condition inputting means 48, a normal red image signal is imitated, and a visual image is displayed. Next, an accurate reading condition (Sk', Gp') is set by adjusting the density and the contrast of the visual image by an operator, and a normal reading is executed, and the learning of the neural network 45 is executed

19/5/21 (Item 21 from file: 347)

03503748 **Image available**
DATA TRANSFER SYSTEM

PUB. NO.: 03-166648 [JP 3166648 A]
PUBLISHED: July 18, 1991 (**19910718)**
INVENTOR(s): KAWATE HIROSHI
ATOU HIROKAZU
NAKAMURA CHOJU
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 01-304898 [JP 89304898]
FILED: November 27, 1989 (19891127)
INTL CLASS: [5] **G06F-015/40**
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1264, Vol. 15, No. 410, Pg. 144, October 18, 1991 (19911018)

ABSTRACT

PURPOSE: To select an appropriate data transfer system corresponding to a condition and to allow a user to feel a high speed response by deciding a transfer condition.

CONSTITUTION: A **transfer condition** deciding part 10 decides an instructed **transfer condition** simultaneously at the time when a **user** gives an instruction of a data base **retrieval** , and selects a data transfer system. A retrieving part 11 retrieves a data base 14, and selects the data transfer system in accordance with a result of decision of the transfer condition deciding part 10. In the case the result of decision of the transfer condition deciding part 10 is a multiple system or a mixed existence system, a storage part 12 accumulates temporarily a result of retrieval, reads it out again by an instruction of the retrieving part 11 and brings it to data transfer. A retrieval data transfer part 13 transfers the result of retrieval accumulated in the storage part 12 to a terminal. In such a way, an appropriate data transfer system can be selected, and it is possible to allow a user to feel a high speed response.

19/5/23 (Item 23 from file: 347)
DIALOG(R)File 347:JAPIO

03407163 **Image available**
JOB NETWORK SYSTEM

PUB. NO.: 03-070063 [JP 3070063 A]
PUBLISHED: March 26, 1991 (**19910326)**
INVENTOR(s): OIKE SEIICHI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 01-207605 [JP 89207605]
FILED: August 09, 1989 (19890809)
INTL CLASS: [5] **G06F-015/16** ; **G06F-013/00**
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.2 (INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: P, Section No. 1214, Vol. 15, No. 230, Pg. 146, June 12, 1991 (19910612)

ABSTRACT

PURPOSE: To improve operability by automatically updating the network configuration information of system generation information according to the load condition of a job transfer line and the capacity of each line, selecting a job network transfer route so that loads can not be concentrated in the specified job transfer line, and executing job transfer.

CONSTITUTION: A job transfer line load condition monitoring means 1, system generating and updating information preparing means 2 and system generation information updating means 3 are provided. The data transfer amount, **transfer** frequency and other load **condition** of the line, which connects respective **computers** , are monitored and based on the **obtained** load condition of each line and the line capacity information in each line, job network transfer route selection information are updated so that the load can be made uniform for each line. Then, system generating and updating information are prepared and the system generation information are updated. Thus, the job network system generation information are updated corresponding to the current load condition of the line an the line capacity and the job network transfer route is automatically changed. Then, the job transfer line can be effectively utilized.

19/5/25 (Item 25 from file: 347)
DIALOG(R)File 347:JAPIO

03066045 **Image available**
TERMINAL ATTRIBUTE RETRIEVING SYSTEM FOR **NETWORK** DEFINITION

PUB. NO.: 02-041545 [JP 2041545 A]
PUBLISHED: February 09, 1990 (**19900209)**
INVENTOR(s): HAYASHIDA NOBUKO
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 63-193122 [JP 88193122]
FILED: August 01, 1988 (19880801)
INTL CLASS: [5] **G06F-013/00**
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units)
JOURNAL: Section: P, Section No. 1041, Vol. 14, No. 201, Pg. 26, April 24, 1990 (19900424)

ABSTRACT

PURPOSE: To eliminate a need of reference to network definition language manuals, manuals related to terminals, or the like even at the time of designating a terminal type name as the terminal type by providing a terminal attribute table.

CONSTITUTION: A user designates a source file 2 on a system, where a network definition statement requiring correction of the terminal type is registered, from the terminal equipment of an input means 1 and uses a reading-in means 3 to read the source file 2 into a virtual storage area and designates the type name of the terminal type to be corrected or the normal terminal type by a changing means 4. Since the terminal type designated by the changing means 4 has information shown in the figure in a terminal attribute table 6 referred by a retrieving means 5, the type name and the type number of the terminal can be designated. The retrieving means 5 takes out a parameter group or an address corresponding to the designated terminal type from the terminal attribute table 6 and uses a register means 7 to register it in the source file 2. Thus, it is unnecessary to refer to network definition language manuals, manuals related to terminals, or the like.

19/5/27 (Item 27 from file: 347)
DIALOG(R)File 347:JAPIO

01996359 **Image available**
COMMUNICATION AND TERMINAL CONDITION DISPLAY SYSTEM

PUB. NO.: 61-210459 [JP 61210459 A]
PUBLISHED: September 18, 1986 (**19860918)**
INVENTOR(s): HIRAYAMA KAZUNARI
TAKEDA TAKANOBU
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 60-051965 [JP 8551965]
FILED: March 15, 1985 (19850315)
INTL CLASS: [4] **G06F-013/00** ; H04L-011/00
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 44.3 (COMMUNICATION -- Telegraphy)
JOURNAL: Section: P, Section No. 544, Vol. 11, No. 40, Pg. 132, February 05, 1987 (19870205)

ABSTRACT

PURPOSE: To constantly know a communication condition and a terminal condition by a side of a junction computer and a general terminal unit and treat a difficulty by displaying the communication and the terminal conditions by the junction computer and the general terminal unit.

CONSTITUTION: When carrying out an inquiry of a communication condition from a console CRT/KB of a junction **computer** DP1 and the like, an inquiry means in a processor DPU operates, and a **condition** of a **communication** passage and a **terminal** unit is **retrieved** , edited and displayed. When the inquiry of a request for displaying the **communication condition** is done from the console CRT/KB of the respective **terminal** units TM to the **computer** DP1 and the like, the computer DP1 retrieves a system table information by the retrieval, editing and display means and transmits to the respective terminal units TM. The respective terminal units TM edits and displays the received information on an image plane of the console. By such a function providing, during a failure being generated, a demarcation of a cause is easily done by the junction computer and the terminal sides and a treatment for the failure can be smoothly performed.

29/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010915468 **Image available**
WPI Acc No: 1996-412419/ **199641**
XRPX Acc No: N96-347204

Data processing and transmission method for telecommunications network **consisting of host computer and intelligent terminals - transmitting data representing user interface data object in on-line mode to intelligent terminal for use in off-line mode to obtain transitory and modified interface data, where the transitory data does not require interaction with host**

Patent Assignee: US WEST ADVANCED TECHNOLOGIES INC (USWA-N)
Inventor: ALEXANDER J H; GREENLEE R L; SMITHRUD G M; YOUNG E A
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5553223	A	19960903	US 90503735	A	19900403	199641	B
			US 9373973	A	19930608		

Priority Applications (No Type Date): US 90503735 A 19900403; US 9373973 A 19930608
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5553223	A		14	G06F-015/17	Cont of application US 90503735

Abstract (Basic): US 5553223 A

The data processing and transmission method is applicable to a host computer and intelligent terminal **network** which is connected in an on-line mode for data transmission and in an off-line mode when no data is transmitted. The method involves transmitting data corresponding to user interface objects between the host computer and an intelligent terminal. If it is determined that one of the user interface objects is not stored at an intelligent terminal, interface data is generated by the host computer and transmitted to the terminal. The interface data represents the interface object, providing full user interface facilities.

The interface data is modified at an intelligent terminal with user manipulated commands and actions in the off-line mode to obtain transitory interface data and modified interface data. The transitory data represents user manipulations not requiring intervention from the host computer while the modified data represents user manipulations which alter the user interface and therefore require intervention. The modified interface data is filtered from the transitory interface data in real time using gating commands so that the modified interface data only is transmitted to the host computer when it first occurs.

ADVANTAGE - Increases responsiveness of **terminals** . Avoids echoplexing problems while still using narrow **bandwidth** telecommunications. Minimises transmission of redundant messages by using **matched** host and **user** interfaces. Increases density of commands per unit time to maximise efficiency of host computer.

Dwg.2/8

Title Terms: DATA; PROCESS; TRANSMISSION; METHOD; TELECOMMUNICATION; **NETWORK** ; CONSIST; HOST; COMPUTER; INTELLIGENCE; TERMINAL; TRANSMIT; DATA ; REPRESENT; USER; INTERFACE; DATA; OBJECT; LINE; MODE; INTELLIGENCE; TERMINAL; LINE; MODE; OBTAIN; TRANSITORY; MODIFIED; INTERFACE; DATA; TRANSITORY; DATA; REQUIRE; INTERACT; HOST
Derwent Class: T01; W01
International Patent Class (Main): **G06F-015/17**
File Segment: EPI

29/5/11 (Item 11 from file: 347)
DIALOG(R)File 347:JAPIO

05383776 **Image available**
NETWORK SYSTEM AND PRINTING PROCESSING METHOD FOR **NETWORK** SYSTEM

PUB. NO.: 08-339276 [JP 8339276 A]
PUBLISHED: December 24, 1996 (**19961224**)
INVENTOR(s): SAITO RYUICHIRO
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 07-144571 [JP 95144571]
FILED: June 12, 1995 (19950612)
INTL CLASS: [6] **G06F-003/12** ; **G06F-013/00** ; **G06F-015/16**
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units); 45.2 (INFORMATION PROCESSING -- Memory Units); 45.4 (INFORMATION PROCESSING -- Computer Applications)

ABSTRACT

PURPOSE: To efficiently perform a printing processing utilizing the maximum data throughput of computer resources on a **network** .

CONSTITUTION: The acquisition request of the data throughput of a server computer 13 is issued from respective client computers 11 and 12 from first printer drivers PD-1 and PD-2, the second printer driver PD-3 of the server computer 13 acquires the data throughput of the server computer 13 corresponding to the acquisition request and informs the respective **client computers** 11 and 12 and the first printer drivers PD-1 and PD-2 **compares** the informed data **throughput** of the server **computer** 13 with the data **throughput** of the respective **client computers** 11 and 12 and decide a printer driver destination to be used.

34/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015562748 **Image available**
WPI Acc No: 2003-624904/200359
Related WPI Acc No: 2002-146539; 2002-391463
XRPX Acc No: N03-497160
Multimedia data reception method using Internet, involves selecting multimedia multicast group having enhancement data layer matching **changed target** bandwidth **of** client computer
Patent Assignee: MICROSOFT CORP (MICT)
Inventor: CHADDHA N
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6564262	B1	20030513	US 96714447	A	19960916	200359 B
			US 99418139	A	19991014	

Priority Applications (No Type Date): US 99418139 A 19991014; US 96714447 A 19960916
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6564262	B1		22	G06F-015/16	CIP of application US 96714447

Abstract (Basic): US 6564262 B1
NOVELTY - The method involves transmitting two multimedia multicast groups (MMGs) to **client** from server. The group having base layer and enhancement data layer **matching** the target **bandwidth** of the **computer** , is selected. The group having an enhancement data layer **matching** the changed target **bandwidth** of the **computer** is selected, when detecting the change in the **bandwidth** of the **computer** . The selected groups are concurrently joined.
DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for computer readable medium storing multimedia data receiving program.
USE - For receiving multimedia data stream at client computer from server, over computer **network** such as local area **network** (LAN), wide area **network** (WAN) such as Internet.
ADVANTAGE - Enables to provide scalable multimedia data adaptively to a broad range of client computers based on the needs of the client computers and utilize valuable **network** resources efficiently.
DESCRIPTION OF DRAWING(S) - The figure shows a flowchart illustrating the adaptive processing of multimedia stream transmitted through multiple multicast groups from the server to the client computers.
pp; 22 DwgNo 12/12
Title Terms: DATA; RECEPTION; METHOD; SELECT; GROUP; ENHANCE; DATA; LAYER; MATCH; CHANGE; TARGET; BANDWIDTH; CLIENT; COMPUTER
Derwent Class: T01; W01; W02
International Patent Class (Main): **G06F-015/16**
File Segment: EPI

```
Set     Items   Description
S1      64108   (NETWORK? OR LINK OR COMMUNICATION? ? OR ROUTING OR TRANSM-
             IT OR TRANSMITTING OR TRANSFER OR TRANSFERRING OR TRANSMISSION
              OR TRANSPORT OR TRANSPORTING)(3N)(PROPERTY OR PROPERTIES OR -
             ATTRIBUTE? ? OR CRITERION OR CONDITION? ? OR PARAMETER? ?)
S2     904700   MATCH? OR COMPARE? ? OR COMPARISON? ? OR COMPARING
S3    1309519   CLIENT? ? OR PLAYER? ? OR USER? ? OR ENDUSER? ? OR END()US-
             ER? ? OR MEMBER? ? OR MACHINE? ? OR COMPUTER? ? OR NODE? ? OR
             TERMINAL? ? OR WORKSTATION? ? OR SUBSCRIBER? ?
S4     189922   (QUERY OR QUERIES OR QUERYING OR SEARCH?? OR SEARCHING OR -
             SEEK? ? OR SEEKING OR (LOOK OR LOOKING)()(UP OR FOR) OR LOOKUP
              OR FIND OR FINDING OR FOUND OR LOCATE? ? OR LOCATING OR LOCA-
             TOR? ? OR RETRIEVE? ? OR RETRIEVING OR RETRIEVAL)(5N)S3
S5     332822   PING OR PINGING OR LATENCY OR CONGESTION OR DELAY OR LAG OR
              LAGGING OR BANDWIDTH OR THRUPUT OR THROUGHPUT OR (THRU OR TH-
             ROUGH)()PUT OR (TRANSMISSION OR TRANSMIT? OR TRANSFER? OR DAT-
             A)()(RATE? ? OR RATING? ?) OR (COUNT OR NUMBER)(3N)HOP? ?
S6      10624   PEER(2W)PEER OR P2P OR MULTICOMPUTER OR (GRID OR DISTRIBUT-
             ED OR UTILITY)()COMPUTING OR MULTI()COMPUTER
S7        211   S2 (5N) S3 (5N) S1
S8         74   S7 AND IC=G06F
S9         15   S8 AND AY=1978:1996
S10        15   IDPAT (sorted in duplicate/non-duplicate order)
S11        13   IDPAT (primary/non-duplicate records only)
S12       233   S4 (5N) S1
S13         1   S12 (30N) S6
S14      1322   S2 (5N) S3 (5N) S5
S15         6   S14 (30N) S6
S16         6   S15 NOT S11
S17         6   IDPAT (sorted in duplicate/non-duplicate order)
S18         6   IDPAT (primary/non-duplicate records only)
File 348:EUROPEAN PATENTS 1978-2006/Feb W04
         (c) 2006 European Patent Office
File 349:PCT FULLTEXT 1979-2006/UB=20060302,UT=20060223
         (c) 2006 WIPO/Univentio
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11/5,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01802141
Terminal device in document information communication system
Terminal fur Dokumentinformationskommunikationssystem
Terminal pour un systeme de communication d'informations de documents
PATENT ASSIGNEE:
Matsushita Electric Industrial Co., Ltd., (2691494), 1006, Oaza Kadoma, Kadoma-shi, Osaka-fu 571-8501, (JP), (Applicant designated States: all)
INVENTOR:
Ohto, Hidetaka, 3-5-1-1010, Sumiregaoka, Takarazuka-shi Hyogo-ken 665, (JP)
Okamura, Kazuo, 4-5-8-302, Hoshigaoka, Hirakata-shi Osaka-fu 573, (JP)
Mukai, Masaki, 1-3-1, Ichibanishi, Izumisano-shi Osaka-fu 598, (JP)
Hirai, Junichi, 2-20-8-503, Yamate-cho, Suita-shi Osaka-fu 564, (JP)
Hishida, Toshihiro, 3-5-24, Hiyodori-dai Kita-ku, Kobe-shi Hyogo-ken 651-11, (JP)
LEGAL REPRESENTATIVE:
Crawford, Andrew Birkby (29761), A.A. Thornton & Co., 235 High Holborn, London WC1V 7LE, (GB)
PATENT (CC, No, Kind, Date): EP 1471452 A1 041027 (Basic)
APPLICATION (CC, No, Date): EP 2004076744 961028;
PRIORITY (CC, No, Date): JP 95280353 951027; JP 96272505 961015
DESIGNATED STATES: DE; FR; GB
RELATED PARENT NUMBER(S) - PN (AN):
EP 770968 (EP 96307784)
INTERNATIONAL PATENT CLASS (V7): **G06F-017/60** ; H04L-012/58

ABSTRACT EP 1471452 A1
A terminal device to be used in a system where sets of transmission document information are transferred via a network between terminal devices which are grouped together in a plurality of different groups, the terminal device comprising a document information storage unit which stores document information which is made up of a plurality of document elements which are to be transmitted, a terminal device arrangement information storage unit for storing terminal device arrangement information made up of each group name, a type of each terminal device provided at each group and an address of each terminal device, a terminal device capability information control unit for controlling terminal device capability information which shows what kinds of document information can be outputted by each type of terminal device, a transmission document information creation unit for selecting terminal devices based on the group name of a group to be transmitted to and the terminal device arrangement information and for creating sets of the transmission document information from the document information to be transmitted in accordance with the terminal device capability information and a transmission unit for transmitting the created sets of transmission document information to the selected terminal devices.
ABSTRACT WORD COUNT: 197
NOTE:
Figure number on first page: NONE

LEGAL STATUS (Type, Pub Date, Kind, Text):
Application: 041027 A1 Published application with search report
Examination: 041027 A1 Date of request for examination: 20040702
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200444	243
SPEC A	(English)	200444	22520
Total word count - document A			22763
Total word count - document B			0
Total word count - documents A + B			22763

INTERNATIONAL PATENT CLASS (V7): **G06F-017/60** ...

...SPECIFICATION an element data write unit for writing element data which has a media attribute which **matches** an outputable media **attribute** for the **transmission** destination **terminal** device selected by the transmission destination **terminal** device selection unit into the present set of transmission document information.
Here, the transmission document...

...conversion of a media attribute of the unwritable element data to a media attribute which **matches** the media **attribute** of the selected **transmission** destination **terminal** device, in accordance with the media attribute conversion information, and the terminal device may further...

11/5,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00890694
NETWORK MATCH **MAKER FOR SELECTING** CLIENTS **BASED ON** ATTRIBUTES **OF SERVERS AND** COMMUNICATION **LINKS**
NETZWERKANPASSUNGSSYSTEM ZUR AUSWAHL VON KUNDEN BASIERT AUF SERVEREIGENSCHAFTEN UND UBERTRAGUNGSVERBINDUNGEN
SYSTEME DE MISE EN CORRESPONDANCE SUR RESEAUX POUR LA SELECTION DE CLIENTS EN FONCTION D'ATTRIBUTS DE SERVEURS ET DE LIAISONS DE COMMUNICATION
PATENT ASSIGNEE:
MPATH Interactive Inc., (2370261), 665 Clyde Avenue, Mountain View, CA 94043, (US), (Applicant designated States: all)
INVENTOR:
SAMUEL, Daniel, Joseph, 1248 Van Dyck Drive, Sunnyvale, CA 94087, (US)
ROTHSCHILD, Jeffrey, Jackiel, 15560 Old Ranch Road, Los Gatos, CA 95030, (US)
GRIMM, Stephen, M., 173 Sherland Avenue, Mountain View, CA 94043, (US)
WOLF, Michael, A., 324 Flynn Avenue, Mountain View, CA 94043, (US)
LEGAL REPRESENTATIVE:
Maggs, Michael Norman et al (59191), Kilburn & Strode 20 Red Lion Street, London WC1R 4PJ, (GB)
PATENT (CC, No, Kind, Date): EP 965084 A1 991222 (Basic)
WO 9735258 970925
APPLICATION (CC, No, Date): EP 97916187 970320; WO 97US4716 970320
PRIORITY (CC, No, Date): US 13812 P 960321
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; RO; SI
INTERNATIONAL PATENT CLASS (V7): **G06F-013/00**
NOTE:
No A-document published by EPO
LEGAL STATUS (Type, Pub Date, Kind, Text):
Withdrawal: 020522 A1 Date application deemed withdrawn: 20010403
Application: 971217 A1 International application (Art. 158(1))
Application: 991222 A1 Published application with search report
Examination: 991222 A1 Date of request for examination: 19981021
LANGUAGE (Publication,Procedural,Application): English; English; English

NETWORK MATCH **MAKER FOR SELECTING** CLIENTS **BASED ON** ATTRIBUTES **OF SERVERS AND** COMMUNICATION **LINKS**
INTERNATIONAL PATENT CLASS (V7): **G06F-013/00**

11/5,K/4 (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00835303
File transfer method, method for a file requesting client device, and file server device
Dateientransferverfahren, Verfahren fur ein Dateien anforderndes Benutzergerat und Dateienanbietergerat
Procede de transfert de fichiers, procede pour un dispositif client demandant des fichiers et dispositif serveur de fichiers
PATENT ASSIGNEE:
KABUSHIKI KAISHA TOSHIBA, (213130), 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa-ken 210-8572, (JP), (Proprietor designated states: all)
INVENTOR:
Imai, Toru, 4-32-A201, Komaoka, Tsurumi-ku, Yokohama-shi, Kanagawa-ken, (JP)
Fujii, Hiroko, 202, Hirugureisu-Kugahara, 5-49-6, Kugahara, Ohota-ku, Tokyo, (JP)
Yoshida, Hideki, 10-2-212, Ichibakami-cho, Tsurumi-ku, Yokohama-shi, Kanagawa-ken, (JP)
Shimokawa, Toshihiko, 256-6-8, Sanmai-cho, Kanagawa-ku, Yokohama-shi, Kanagawa-ken, (JP)
LEGAL REPRESENTATIVE:
Zangs, Rainer E., Dipl.-Ing. et al (72561), Hoffmann Eitle, Patent- und Rechtsanwalte, Arabellastrasse 4, 81925 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 773503 A2 970514 (Basic)
EP 773503 A3 990414
EP 773503 B1 040331
APPLICATION (CC, No, Date): EP 96117972 961108;
PRIORITY (CC, No, Date): JP 95292910 951110; JP 9622658 960208
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS (V7): **G06F-017/30**
CITED REFERENCES (EP B):
LILJEBERG M ET AL: "OPTIMIZING WORLD-WIDE WEB FOR WEAKLY CONNECTED MOBILE WORKSTATIONS:AN INDIRECT APPROACH" INTERNATIONAL WORKSHOP ON SERVICES IN DISTRIBUTED AND NETWORKED ENVIRONMENTS, 5 June 1995, pages 132-139, XP000764774
PADMANABHAN V N ET AL: "IMPROVING HTTP LATENCY" COMPUTER NETWORKS AND ISDN SYSTEMS, vol. 28, May 1995, pages 25-35, XP002044439
LOUTONEN A ET AL: "WORLD-WIDE WEB PROXIES" COMPUTER NETWORKS AND ISDN SYSTEMS, vol. 27, 1 January 1994, pages 147-154, XP000575304;

ABSTRACT EP 773503 A2
A scheme for transferring files from a file server to a file requesting client, which enables request and transfer of files which are related to a user requested file at a time of transferring a user requested file. The file requesting client makes a file request indicating a desired file, and in response the file server transfers a file list of files related to the desired file indicated by the file request. Then, the file requesting client makes a transfer request requesting a transfer of files according to the file list, and in response the file server transfers the files requested by the transfer equest. Alternatively, the file requesting client makes a request indicating a desired file, and in response the file server transfers a concatenated file formed by concatenating files related to the desired file indicated by the request. Then, the file requesting client extracts individual files from the concatenated file.
ABSTRACT WORD COUNT: 153
NOTE:
Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination:	020502	A2	Date of dispatch of the first examination report: 20020314
Application:	970514	A2	Published application (A1with Search Report ;A2without Search Report)
Oppn None:	050323	B1	No opposition filed: 20050104
Change:	030903	A2	Title of invention (French) changed: 20030718
Change:	030903	A2	Title of invention (English) changed: 20030718
Change:	030903	A2	Title of invention (German) changed: 20030718
Change:	030709	A2	Title of invention (French) changed: 20030522
Change:	030709	A2	Title of invention (English) changed: 20030522
Change:	030709	A2	Title of invention (German) changed: 20030522
Change:	030820	A2	Title of invention (German) changed: 20030702
Change:	030820	A2	Title of invention (English) changed: 20030702
Change:	030820	A2	Title of invention (French) changed: 20030702
Grant:	040331	B1	Granted patent
Examination:	970514	A2	Date of filing of request for examination: 961112
Search Report:	990414	A3	Separate publication of the European or International search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	2347
CLAIMS B	(English)	200414	1350
CLAIMS B	(German)	200414	1260
CLAIMS B	(French)	200414	1564
SPEC A	(English)	EPAB97	20291
SPEC B	(English)	200414	19417
Total word count - document A			22642
Total word count - document B			23591
Total word count - documents A + B			46233

INTERNATIONAL PATENT CLASS (V7): **G06F-017/30**

...SPECIFICATION in which the multiple files transfer request unit 138 for transferring only those files which **match** with the **transfer condition** is provided in the file requesting **client** 120 in advance, but this operation procedure is for a case in which the multiple...

...SPECIFICATION in which the multiple files transfer request unit 138 for transferring only those files which **match** with the **transfer condition** is provided in the file requesting **client** 120 in advance, but this operation procedure is for a case in which the multiple..

11/5,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00832069
Terminal device in document information communication system
Terminal fur Dokumentinformationskommunikationssystem
Terminal pour un systeme de communication d'informations de documents
PATENT ASSIGNEE:
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216885), 1006, Oaza Kadoma, Kadoma-shi, Osaka 571, (JP), (applicant designated states: DE;FR;GB)
INVENTOR:
Ohto, Hidetaka, 3-5-1-1010, Sumiregaoka, Takarazuka-shi, Hyogo-ken 665, (JP)
Okamura, Kazuo, 4-5-8-302, Hoshigaoka, Hirakata-shi, Osaka-fu 573, (JP)
Mukai, Masaki, 1-3-1, Ichibanishi, Izumisano-shi, Osaka-fu 598, (JP)
Hirai, Junichi, 2-20-8-503, Yamate-cho, Suita-shi, Osaka-fu 564, (JP)
Hishida, Toshihiro, 3-5-24, Hiyodori-dai, Kita-ku, Kobe-shi, Hyogo-ken 651-11, (JP)
LEGAL REPRESENTATIVE:
Crawford, Andrew Birkby et al (29761), A.A. THORNTON & CO. Northumberland House 303-306 High Holborn, London WC1V 7LE, (GB)
PATENT (CC, No, Kind, Date): EP 770968 A2 970502 (Basic)
EP 770968 A3 981202
APPLICATION (CC, No, Date): EP 96307784 961028;
PRIORITY (CC, No, Date): JP 95280353 951027; JP 96272505 961015
DESIGNATED STATES: DE; FR; GB
RELATED DIVISIONAL NUMBER(S) - PN (AN):
(EP 2004076744)
INTERNATIONAL PATENT CLASS (V7): **G06F-017/60** ; H04L-012/58

ABSTRACT EP 770968 A2
A terminal device to be used in a system where sets of transmission document information are transferred via a network between terminal devices which are grouped together in a plurality of different groups, the terminal device comprising a document information storage unit which stores document information which is made up of a plurality of document elements which are to be transmitted, a terminal device arrangement information storage unit for storing terminal device arrangement information made up of each group name, a type of each terminal device provided at each group and an address of each terminal device, a terminal device capability information control unit for controlling terminal device capability information which shows what kinds of document information can be outputted by each type of terminal device, a transmission document information creation unit for selecting terminal devices based on the group name of a group to be transmitted to and the terminal device arrangement information and for creating sets of the transmission document information from the document information to be transmitted in accordance with the terminal device capability information and a transmission unit for transmitting the created sets of transmission document information to the selected terminal devices.
ABSTRACT WORD COUNT: 197

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change:	040901 A2	Application number of divisional application (Article 76) changed: 20040713
Application:	970502 A2	Published application (A1with Search Report ;A2without Search Report)
Withdrawal:	051214 A2	Date application deemed withdrawn: 20050607
Change:	040901 A2	Application number of divisional application (Article 76) changed: 20040713
Search Report:	981202 A3	Separate publication of the European or International search report
Examination:	990602 A2	Date of filing of request for examination: 990406

Examination: 991215 A2 Date of dispatch of the first examination report: 19991101

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	3945
SPEC A	(English)	EPAB97	22521
Total word count - document A			26466
Total word count - document B			0
Total word count - documents A + B			26466

INTERNATIONAL PATENT CLASS (V7): **G06F-017/60** ...

...SPECIFICATION an element data write unit for writing element data which has a media attribute which **matches** an outputable media **attribute** for the **transmission** destination **terminal** device selected by the transmission destination **terminal** device selection unit into the present set of transmission document information.
Here, the transmission document...

...conversion of a media attribute of the unwritable element data to a media attribute which **matches** the media **attribute** of the selected **transmission** destination **terminal** device, in accordance with the media attribute conversion information, and the terminal device may further...

...CLAIMS conversion of a media attribute of the unwritable element data to a media attribute which **matches** the media **attribute** of the selected **transmission** destination **terminal** device, in accordance with the media attribute conversion information, wherein the terminal device further comprises...

...an element data write unit for writing element data which has a media attribute which **matches** an outputable media **attribute** for the **transmission** destination **terminal** device selected by the transmission destination **terminal** device selection unit into the present set of transmission document information.
14. The terminal device...

...conversion of a media attribute of the unwritable element data to a media attribute which **matches** the media **attribute** of the selected **transmission** destination **terminal** device, in accordance with the media attribute conversion information, wherein the terminal device further comprises...an element data write unit for writing element data which has a media attribute which **matches** an outputable media **attribute** for the **transmission** destination **terminal** device selected by the transmission destination **terminal** device selection unit into the present set of transmission document information.
29. The terminal device...

11/5,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00490633
Graphical configuration of data processing networks
Graphische Konfiguration eines Datenverarbeitungsnetzwerkes
Configuration graphique d'un reseau informatique
PATENT ASSIGNEE:
International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
Sanchez-Frank, Alejandra, 14601 Sandy Side Drive, Austin, Texas 78728, (US)
Martin, Jay Sirkin, 10506 Yucca Drive, Austin, Texas 78759, (US)
LEGAL REPRESENTATIVE:
Tomlinson, Kerry John (36771), Frank B. Dehn & Co., European Patent Attorneys, 179 Queen Victoria Street, London EC4V 4EL, (GB)
PATENT (CC, No, Kind, Date): EP 490624 A2 920617 (Basic)
EP 490624 A3 940119
EP 490624 B1 990414
APPLICATION (CC, No, Date): EP 91311452 911210;
PRIORITY (CC, No, Date): US 625249 901210
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS (V7): **G06F-015/16**
CITED PATENTS (EP A): US 4813013 A
CITED REFERENCES (EP A):
HEWLETT-PACKARD JOURNAL vol. 41, no. 2 , April 1990 , PALO ALTO US pages 60 - 65 XP116175 C.J.SMITH ET AL 'HP OPENVIEW WINDOWS: A USER INTERFACE FOR NETWORK MANAGEMENT SOLUTIONS'
IEEE NETWORK: THE MAGAZINE OF COMPUTER COMMUNICATIONS. vol. 2, no. 2 , March 1988 , NEW YORK US pages 13 - 19 M.FERIDUN ET AL 'ANM: AUTOMATED NETWORK MANAGEMENT SYSTEM';

ABSTRACT EP 490624 A2
A computer system and method for configuring communication and database networks in a user friendly graphical environment and automatically generating related configuration files. In a preferred practice, the user defines multiple network workstation nodes using icons (13), specifies (12) the resources associated with each icon, and defines connections between icons using specified protocol constraints, and the computer validates the network so defined, and generates the associated configuration files for the respective workstation nodes. The workstations have requester/server capability for communication and database network operation. The configuration files for the respective workstations in the network are preferably distributed and installed using the network resources. The network topology information so created can be stored, retrieved and modified as necessary to suit the needs of an evolving network. (see image in original document)
ABSTRACT WORD COUNT: 132

LEGAL STATUS (Type, Pub Date, Kind, Text):
Oppn None: 20000405 B1 No opposition filed: 20000115
Application: 920617 A2 Published application (A1with Search Report ;A2without Search Report)
Examination: 921223 A2 Date of filing of request for examination: 921022
Search Report: 940119 A3 Separate publication of the European or International search report
Examination: 961227 A2 Date of despatch of first examination report: 961111
Grant: 990414 B1 Granted patent
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language Update Word Count

CLAIMS B	(English)	9915	546
CLAIMS B	(German)	9915	578
CLAIMS B	(French)	9915	742
SPEC B	(English)	9915	3830
Total word count - document A			0
Total word count - document B			5696
Total word count - documents A + B			5696

INTERNATIONAL PATENT CLASS (V7): **G06F-015/16**

...CLAIMS parameters.

2. The system recited in Claim 1, further comprising means for validating connections by **comparing attributes** of defined **network nodes** .

3. The system recited in Claim 1 or 2, wherein the means for distributing the...

11/5,K/7 (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00333304
SESSION CONTROL IN NETWORK FOR DIGITAL DATA PROCESSING SYSTEM WHICH SUPPORTS MULTIPLE TRANSFER PROTOCOLS.
VERBINDUNGSSTEUERUNG IN EINEM NETZWERK FuR EIN DIGITALDATENVERARBEITUNGSSYSTEM, DAS MEHRFACHE uBERTRAGUNGSPROTOKOLLE UNTERSTuTZT.
COMMANDE DE SESSION DANS DES RESEAUX DE SYSTEMES DE TRAITEMENT DE DONNEES NUMERIQUES COMPATIBLES AVEC DES PROTOCOLES MULTIPLES DE TRANSFERT.
PATENT ASSIGNEE:
DIGITAL EQUIPMENT CORPORATION, (313081), 111 Powdermill Road, Maynard Massachusetts 01754-1418, (US), (applicant designated states: DE;FR;GB;NL)
INVENTOR:
HARVEY, George, A., 10 Michael Road, Maynard, MA 01754, (US)
KONING, Gerard, 4 Parker Road, Brookline, NH 03033, (US)
HAWE, William, 16 Independence Road, Pepperell, MA 01463, (US)
LAUCK, Anthony, 20 Fells Circle, Wellesley, MA 02181, (US)
ORAN, David, 216 Lakewood Drive, Bloomington, IN 47401, (US)
HARPER, John, 10 Tyfield Sherborne St. John, Basingstoke RG24 9HZ, (US)
MILES, Kevin, ''Roseville'' Church Lane, Three Miles Cross Reading RG7 1HD, (US)
LEGAL REPRESENTATIVE:
Goodman, Christopher et al (31122), Eric Potter & Clarkson St. Mary's Court St. Mary's Gate, Nottingham NG1 1LE, (GB)
PATENT (CC, No, Kind, Date): EP 329779 A1 890830 (Basic)
EP 329779 B1 921209
WO 8902129 890309
APPLICATION (CC, No, Date): EP 88908586 880901; WO 88US3031 880901
PRIORITY (CC, No, Date): US 94306 870904
DESIGNATED STATES: DE; FR; GB; NL
INTERNATIONAL PATENT CLASS (V7): **G06F-015/16** ; **G06F-013/38**
CITED REFERENCES (EP A):
See also references of WO8902129;
CITED REFERENCES (WO A):
Proceedings IEEE INFOCOM 85, 26-28 March 1985, Washington, D.C., IEEE, (US), P. Mockapetris et al.: "A perspective on name system design", pages 349-355
IBM Technical Disclosure Bulletin, volume 29, no. 9, February 1987, (Armonk, New York, US), "Multiple-protocol LAN interface for IBM 370 systems", pages 3767-3768
Computer Communication Review (ACM Press; Proceedings of the ACM SIGCOMM'87 Workshop), volume 7, no. 5, 11-13 August 1987, Special Issue, ACM, (New York, US), L.L. Peterson: "A yellow-pages service for a local-area network", pages 235-242
Computer Communication Review (SIGCOMM'86 Symp./Communications; Architectures & Protocols), volume 16, no. 3, 5-7 August 1986, ACM (Stowe, Vermont, US), B.D. Fleisch: "Distributed system V IPC in locus: a design and implementation retrospective", pages 386-396;

ABSTRACT EP 329779 A1
A distributed digital data processing system includes a plurality of nodes which communicate over a network. A node maintains one or more objects, each of which may be a file, that is, an addressable unit, in the system, such as a program, database, text file, or the like, or a directory which may contain one or more files or other directories. One node maintains a naming service which associates each object in the system with one or more protocol towers. Each protocol tower identifies the object name and a series of entries each identifying a name for each of the protocol layers, along with the communications parameters and address information, to be used in communicating with the object. When a node requires access to an object maintained by another node, it first

retrieves from the naming service the protocol towers for the object. The node also maintains a tower identifying the names of each of the protocols over which it can communicate. The node then compares the protocol names in the retrieved protocol towers with the protocol names over which it can communicate. If the protocol names in a retrieved tower **match** the protocol names in the **node** 's tower, the **node** uses the **communications parameters** and address information in future communications with the object. If the node is unable to identify a retrieved protocol tower which matches its supported tower or towers, it is unable to communicate with the object.

ABSTRACT WORD COUNT: 244

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application:	890830	A1	Published application (A1with Search Report ;A2without Search Report)
Examination:	891213	A1	Date of filing of request for examination: 890428
Examination:	910619	A1	Date of despatch of first examination report: 910506
Grant:	921209	B1	Granted patent
Lapse:	930707	B1	Date of lapse of the European patent in a Contracting State: NL 921209
Oppn None:	931201	B1	No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1026
CLAIMS B	(German)	EPBBF1	746
CLAIMS B	(French)	EPBBF1	993
SPEC B	(English)	EPBBF1	2573
Total word count - document A			0
Total word count - document B			5338
Total word count - documents A + B			5338

INTERNATIONAL PATENT CLASS (V7): **G06F-015/16** ...

... **G06F-013/38**

...ABSTRACT protocol names over which it can communicate. If the protocol names in a retrieved tower **match** the protocol names in the **node** 's tower, the **node** uses the **communications parameters** and address information in future communications with the object. If the node is unable to...

...SPECIFICATION in the system with one or more protocol towers. Each protocol tower identifies the object **name** and a series of entries **each** identifying a protocol **name** for each **of the** protocol layers, along with the communications parameters and address information, to be used in communicating...protocol names over which it can communicate. If the protocol names in a retrieved tower **match** the protocol names in the **node** 's tower, the **node** uses the **communications parameters** and address information in future communications with the object. If the node is unable to...

...CLAIMS node, the contents of said parameter and address field from the protocol tower means which **satisfies** said selected **match criterion** in initiating **communication** between said **client node** and **an object** identified by the object name, said using being performed by a parameter and address utilization...

11/5,K/8 (Item 8 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00326949
Method for optimized rete pattern matching in pattern-directed, rule-based artificial intelligence production systems
Verfahren zur optimierten "Rete"-Musteranpassung in mustergefuhrten, regelbasierten, kunstlichen Intelligenz-Produktionssystemen
Methode d'appariement de modele "rete" dans des systemes de production en intelligence artificielle bases sur des regles et contraintes par des modeles

PATENT ASSIGNEE:
International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
Loeb, David Jerome, 4094 Rincon Avenue, Campbell, CA 95008, (US)
Milliken, Keith Robert, Sun Valley Heights Road P.O. Box 27, Croton Falls, NY 10519, (US)
LEGAL REPRESENTATIVE:
Burt, Roger James, Dr. (52152), IBM United Kingdom Limited Intellectual Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)
PATENT (CC, No, Kind, Date): EP 314650 A2 890503 (Basic)
EP 314650 A3 920429
EP 314650 B1 960124
APPLICATION (CC, No, Date): EP 88850343 881014;
PRIORITY (CC, No, Date): US 114485 871028
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS (V7): **G06F-009/44**
CITED REFERENCES (EP A):
13TH ANNUAL INTERNATIONAL SYMPOSIUM ON COMPUTER ARCHITECTURE 2 June 1986, TOKYO, JAPAN pages 28 - 37; GUPTA, FORGY, NEWELL AND WEDIG: 'Parallel Algorithms for Architectures for Rule-Based Systems'
7TH DIGITAL AVIONICS SYSTEMS CONFERENCE 13 October 1986, FORT WORTH, TEXAS pages 601 - 607; SILBERT ET AL: 'A tool for development of AI hybrid systems'
ARTIFICIAL INTELLIGENCE vol. 19, no. 1, September 1982, AMSTERDAM pages 17 - 37; FORGY: 'RETE: A fast algorithm for the many pattern/many object pattern match problem';

ABSTRACT EP 314650 A2
A demand-driven AI production system utilizing a RETE network for comparison matching in a condition/data match, rule-selection, and rule-firing execution cycle in which the RETE network is modified to maintain a list of instantiations satisfying the match conditions expressed in each node of the RETE network, passing of tokens to descendant nodes upon a comparison match, maintaining patterns to all ancestor nodes through which the tokens have passed, and traversing the patterns as a path for avoiding those RETE pattern matchings redundant between a previous match and a current match in progress. (see image in original document)
ABSTRACT WORD COUNT: 101

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application:	890503 A2	Published application (A1with Search Report ;A2without Search Report)
Examination:	891004 A2	Date of filing of request for examination: 890809
Search Report:	920429 A3	Separate publication of the European or International search report
Change:	920722 A2	Representative (change)
Examination:	940706 A2	Date of despatch of first examination report: 940520
Grant:	960124 B1	Granted patent

Lapse:	961030 B1	Date of lapse of the European patent in a Contracting State: DE 960425
Oppn None:	970115 B1	No opposition filed
Lapse:	970122 B1	Date of lapse of the European patent in a Contracting State: DE 960425, FR 960621
Lapse:	971015 B1	Date of lapse of the European patent in a Contracting State: DE 960425, FR 960621, GB 961014

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	481
CLAIMS B	(English)	EPAB96	322
CLAIMS B	(German)	EPAB96	327
CLAIMS B	(French)	EPAB96	376
SPEC A	(English)	EPABF1	6450
SPEC B	(English)	EPAB96	6570
Total word count - document A			6931
Total word count - document B			7595
Total word count - documents A + B			14526

INTERNATIONAL PATENT CLASS (V7): **G06F-009/44**

...SPECIFICATION matching, selection, and execute cycle of an AI production system comprising: (a) compiling a RETE **network** of the **condition** elements of the pattern portion of the rule being **matched** , the join **nodes** of said network being grouped in a pattern-determined associative manner; and (b) applying those...

...SPECIFICATION matching, selection, and execute cycle of an AI production system comprising: (a) compiling a RETE **network** of the **condition** elements of the pattern portion of the rule being **matched** , the join **nodes** of said network being grouped in a pattern-determined associative manner; and (b) applying those...

11/5,K/9 (Item 9 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00304324
A fast method for a bidirectional inference
Schnelles Verfahren zur bidirektionalen Inferenz-Strategie
Methode rapide d'inference bidirectionnelle
PATENT ASSIGNEE:
HITACHI, LTD., (204144), 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 100, (JP), (applicant designated states: DE;FR;GB)
INVENTOR:
Tano, Shunichi, 256-1, Miwacho, Machida-shi, (JP)
Masui, Shoichi, 1-4-201, Nijigaoka-3-chome Asao-ku, Kawasaki-shi, (JP)
Sakaguchi, Seiji, 9-26, Azamino-1-chome Midori-ku, Yokohama, (JP)
Sasaki nee Kobayashi, Noriko, 22-6, Tsukuda-2-chome Chuo-ku, Tokyo, (JP)
LEGAL REPRESENTATIVE:
Strehl Schubel-Hopf Groening & Partner (100941), Maximilianstrasse 54, 80538 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 320957 A2 890621 (Basic)
EP 320957 A3 920805
EP 320957 B1 960925
APPLICATION (CC, No, Date): EP 88121051 881215;
PRIORITY (CC, No, Date): JP 87320853 871217
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS (V7): **G06F-009/44**
CITED REFERENCES (EP A):
EIGHTH INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION 27 October 1986, PARIS FRANCE pages 181 - 183; W. EICHHORN AND H. NIEMANN: 'A bidirectional control strategy in a hierarchical knowledge structure'
IEEE EXPERT. vol. 3, no. 2, July 1988, NEW YORK US pages 18 - 32; G. E. KAISER ET AL: 'Database Support for Knowledge-Based Engineering Environments'
IEEE FIRST INTERNATIONAL CONFERENCE ON NEURAL NETWORKS vol. 2, 21 June 1987, SAN DIEGO US pages 309 - 317; L. A. BECKER AND J. PENG: 'Network Processing of Hierarchical Knowledge for Classification and Diagnosis'
THE SECOND INTERNATIONAL CONFERENCE ON COMPUTERS AND APPLICATIONS 23 June 1987, PEKING pages 650 - 655; L. CHRISTENSEN: 'CODAR: An Expert System Design Tool for Engineering Diagnostics';

ABSTRACT EP 320957 A2
In an inference method using a rule, a rule condition part network and rule consequence part network are generated, an integral network of both the networks is used for inference. With this inference method, the inference is performed at high speed by setting a shortcut arc so as to process the inference along the pattern matchable network portion. Further, use of the integral network of the rule condition and consequence parts enables not only forward and backward inferences but also a bidirectional inference with intimate couple between forward and backward inferences. (see image in original document)
ABSTRACT WORD COUNT: 100

LEGAL STATUS (Type, Pub Date, Kind, Text):
Application: 890621 A2 Published application (A1with Search Report ;A2without Search Report)
Examination: 910206 A2 Date of filing of request for examination: 901212
Search Report: 920805 A3 Separate publication of the European or International search report
Examination: 940810 A2 Date of despatch of first examination report: 940624
Grant: 960925 B1 Granted patent
Oppn None: 970917 B1 No opposition filed
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	1301
CLAIMS B	(English)	EPAB96	1594
CLAIMS B	(German)	EPAB96	1609
CLAIMS B	(French)	EPAB96	1768
SPEC A	(English)	EPABF1	9048
SPEC B	(English)	EPAB96	9081
Total word count - document A			10350
Total word count - document B			14052
Total word count - documents A + B			24402

INTERNATIONAL PATENT CLASS (V7): **G06F-009/44**

...SPECIFICATION of the RHS net, a constant node for insertion of a constant, and a variable **node** for insertion of each item value of WME **matching** the **condition** part.

The **networks** are coupled by **terminal nodes** , the resultant network has a **node** hierarchy as shown in Fig. 4.

In the hierarchy shown in Fig. 4, it is...consequence work.

Step 4: A shortcut arc is set for coupling the arcs to the **terminal node** representative of **matching** of each pattern in the **condi**tion part **network** and the consequence part network, to the arcs to the nodes based on which the...

...SPECIFICATION of the RHS net, a constant node for insertion of a constant, and a variable **node** for insertion of each item value of WME **matching** the **condition** part.

The **networks** are coupled by **terminal nodes** , the resultant network has a **node** hierarchy as shown in Fig. 4.

In the hierarchy shown in Fig. 4, it is...consequence work.

Step 4: A shortcut arc is set for coupling the arcs to the **terminal node** representative of **matching** of each pattern in the **condition** part **network** and the consequence part network, to the arcs to the nodes based on which the...

11/5,K/10 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00396571 **Image available**
INFORMATION AGGREGATION AND SYNTHESIZATION SYSTEM
SYSTEME DE SYNTHETISATION ET DE REGROUPEMENT DE DONNEES
Patent Applicant/Assignee:
THE SABRE GROUP INC,
Inventor(s):
BULL David Stanley,
CARR Robert Neal Jr,
OFFUTT Josphe Robert Jr,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9737314 A1 19971009
Application: WO 96US14893 19960917 (PCT/WO US9614893)
Priority Application: US 9615384 19960401; US 96685805 19960724
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Main International Patent Class (v7): **G06F-017/60**
International Patent Class (v7): **G06F-17:30**
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 8447

English Abstract
An information aggregation and synthesization system and process. The present invention provides aggregation and packaging of structured or unstructured information from disparate sources such as those available on a network such as the Internet. A network compatible/addressable interface device is operated by a user. The network interface device communicates with local datastores or network accessible datastores via an addressing scheme such as Uniform Resource Locator addresses (URLs) utilized by the Internet. Data passing between the network interface device and the datastores is accessed, polled, and retrieved through an intermediary gateway system. Such aggregated information is then synthesized, customized, personalized and localized to meet the information resource requests specified by the user via the network interface device.

French Abstract
L'invention concerne un systeme et un procede de synthetisation et de regroupement de donnees. L'invention assure le regroupement et l'integration d'informations structurees et non structurees a partir de sources diverses telles que celles disponibles sur un reseau comme Internet. Une interface adressable par/compatible avec le reseau est utilisee par un operateur. Cette interface communique avec des memoires de donnees locales ou des memoires de donnees accessibles par le reseau via un systeme d'adressage telles que les adresses du Localisateur de Ressources Uniformes (URL) utilisees par Internet. Les donnees passant entre l'interface du reseau et les memoires de donnees sont accedees, interrogees et extraites par un systeme de passerelle intermediaire. Ces informations regroupees sont ensuite synthetisees, adaptees, personalisees et localisees pour repondre a la demande de ressources d'informations de l'utilisateur via l'interface du reseau.

Main International Patent Class (v7): **G06F-017/60**
International Patent Class (v7): **G06F-17:30**
Fulltext Availability:
Detailed Description
Detailed Description
... Senda (U.S. Patent No. 5,459,859) discloses an information providing system using a **communication network** which stores **attribute** /schedule information from each **subscriber** and uses that information to **match** with other subscribers.

Senda differs from the present invention in that it is a software...

11/5,K/11 (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00332979
GROUP-ORIENTED COMMUNICATIONS USER INTERFACE
INTERFACE POUR UTILISATEURS DE COMMUNICATIONS ORIENTEE SUR LE GROUPE
Patent Applicant/Assignee:
NOVALINK TECHNOLOGIES INC,
Inventor(s):
KEYWORTH George A II,
KRISHAN Baldev,
KRISHNAN Kalyan V,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9615490 A1 19960523
Application: WO 95US14150 19951031 (PCT/WO US9514150)
Priority Application: US 94337100 19941109
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
CA JP MX AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Main International Patent Class (v7): **G06F-003/14**
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 9460

English Abstract
A system and methods are provided for displaying and processing communications via a variety of communications media using a personal computer. Messages received either wirelessly, for example, wireless e-mail (37), or over telephone wireline, such as voice mail (39) or facsimile (38), are segregated and presented for review by the subscriber according to whether the originator is within a select group of routinely contacted individuals and also by type of media, therefore providing an intuitive and efficient message processing capability. Further enhancements are provided relating to making the apparatus and methods self-documenting and for facilitating communication to the system manufacturer.

French Abstract
La presente invention concerne un systeme et des procedes servant a afficher et a traiter des communications parvenues par divers moyens de communications en utilisant un ordinateur personnel. Les messages recus soit par radio, par exemple le courrier electronique (37), soit par une ligne telephonique metallique, comme le courrier vocal (39) ou les fac-similies (38), sont separes et presentes a l'abonne en fonction de l'appartenance, ou non, de l'auteur du message a un groupe restreint de personnes avec lesquelles le contact est etabli de facon habituelle, et ils sont presentes aussi classes par types de media, donnant ainsi une capacite intuitive et efficace de traitement des messages. D'autres perfectionnements selon l'invention portent sur la facon de rendre l'euipement et les procedes autodocumentaires et de faciliter les communications avec le fabricant du systeme.

Main International Patent Class (v7): **G06F-003/14**
Fulltext Availability:
Detailed Description
Claims

Detailed Description
... conventionally precedes the text of a facsimile image.
The decoded TRANSMIT ID information is the **compared** at

box 181 to the **communications parameters** stored for **members** of the VIP gallery (e.g., the facsimile telephone number or incoming FAX ID information...

Claim
... in the selected group only if the data pertaining to the identity of the sender **matches** the predetermined **communications attribute** associated with the selected **member** of the selected group.

13. A method of displaying information as defined in claim 11...of the incoming message only if the data pertaining to the identity of the sender **matches** the predetermined **communications attribute** associated with the selected **member** of the selected group.

28. The apparatus as defined in claim 26 wherein the apparatus..

11/5,K/12 (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00280318 **Image available**
METHODS AND APPARATUS RELATING TO THE FORMULATION AND TRADING OF RISK MANAGEMENT CONTRACTS
PROCEDE ET APPAREIL DESTINES A L'ETABLISSEMENT ET A LA NEGOCIATION DES CONTRATS DE GESTION DE RISQUES

Patent Applicant/Assignee:
SHEPHERD Ian Kenneth,
Inventor(s):
SHEPHERD Ian Kenneth,

Patent and Priority Information (Country, Number, Date):
Patent: WO 9428496 A1 19941208
Application: WO 93AU250 19930528 (PCT/WO AU9300250)
Priority Application: WO 93AU250 19930528
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AT AU BB BG BR CA CH CZ DE DK ES FI GB HU JP KP KR KZ LK LU MG MN MW NL NO NZ PL PT RO RU SD SE SK UA US VN AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Main International Patent Class (v7): **G06F-015/21**
International Patent Class (v7): **G06F-15:30**
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 41169

English Abstract
Methods and apparatus which deal with the management of risk relating to specified, yet unknown, future events are disclosed. "Sponsor" stakeholders (12) specify a particular product relating to an event or phenomenon for which there is a range of possible future outcomes. "Ordering" stakeholders (13) then offer contracts relating to the predetermined phenomenon and corresponding range of outcomes. The offered contracts specify an entitlement (or pay-off) at the future time of maturity for each outcome, and a consideration (or premium) payable, in exchange, to a "counter-party" stakeholder (14). Independently of the offered contracts, the "counter-party" stakeholders (14) input data as to their view of the likelihood of occurrence of each outcome in the predetermined range into the future, or specifically at the predetermined date of maturity. Each offered contract is priced by the processing units (20) by calculating counter-party premiums from the registered data, and a match attempted by a comparison of the offered premium with the calculated premiums. Matched contracts can be further traded until maturity, and at-maturity processing handles the exchange of entitlement as between the matched parties to the contract.

French Abstract
Le procede et l'appareil decrits permettent d'assurer la gestion de risques concernant des evenements a venir et jusqu'alors inconnus. Les participants "garants" (12) fournissent la description d'un produit specifique concerne par un evenement ou un phenomene pour lesquels on peut predire plusieurs issues. Les participants "ordonnateurs" (13) proposent alors des contrats prenant en consideration le phenomene tel qu'il a ete defini et l'ensemble des issues previsibles. Les contrats proposes specifient un droit (ou un dedommagement) a l'echeance de chacune des issues a venir, et une provision (ou indemnite) dus, en compensation, a un participant "contrepartie" (14). Independamment des contrats proposes, les participants "contrepartie" (14) introduisent des donnees precisant leurs leurs estimations soit quant a la probabilite de

survenue de chacune des issues previsibles, soit, de facon plus specifique, quant a cette survenue a la date d'echeance prevue. Le calcul du prix de chacun des contrats est effectue au moyen d'unites de traitement (20) qui calculent les indemnites des contreparties a partir des donnees enregistrees, et un essai d'adaptation est realise sur la base d'une comparaison entre les indemnites offertes et les indemnites calculees. Les contrats ayant fait l'objet d'une telle adaptation peuvent ensuite donner lieu a renegociation jusqu'a la date d'echeance. A la date d'echeance, le traitement informatique assure la compensation des droits entre les parties au contrat concernees par l'adaptation.

Main International Patent Class (v7): **G06F-015/21**
International Patent Class (v7): **G06F-15:30**
Fulltext Availability:
Claims

Claim
... I I
a . I .

2 8 SPECIAL Collateralisation Pay
m
3 DEALTYPE:
In
4
CONTRACT **CONDITIONS**
Communications medium: **Computer** -to-computcr Partial **Matches** desired
7 Yes Unacceptable Count
Consideration Credit sought ? No Manual Approval of Matches desired ? No

13/5,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01996324
Device and methods for downloading data
Gerat und Verfahren zum Fernladen von Daten
Dispositif et procede pour telechargement de donnees
PATENT ASSIGNEE:
ASUSTeK Computer Inc., (4118982), 4F, No. 150, Li-Te Rd., Peitou, Taipei , (TW), (Applicant designated States: all)
INVENTOR:
Deng, Ten-Long, 6 Fl., No. 503, Sec. 3, BeiXing Road, ZhuDng, Township, Hsinchu County, (TW)
LEGAL REPRESENTATIVE:
Urner, Peter (52892), TER MEER STEINMEISTER & PARTNER GbR, Patentanwalte, Mauerkircherstrasse 45, 81679 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1608124 A2 051221 (Basic)
EP 1608124 A3 060104
APPLICATION (CC, No, Date): EP 2005007403 050405;
PRIORITY (CC, No, Date): CN 200410048952 040610
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR
EXTENDED DESIGNATED STATES: AL; BA; HR; LV; MK; YU
INTERNATIONAL PATENT CLASS (V7): H04L-029/06 ; H04L-029/08
INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
IPC + Level Value Position Status Version Action Source Office:
H04L-0029/06 A I F B 20060101 20051006 H EP
H04L-0029/08 A I L B 20060101 20051116 H EP
G06F-0017/30 A I L B 20060101 20051116 H EP

ABSTRACT EP 1608124 A3
A method of downloading data from a network using a network device. A network device coupled to a network is first provided. The network device uses a network protocol to download data from the network. Next, the network device downloads data corresponding to search parameters from the network according to the network protocol. The downloaded data can be stored on a storage device. The network can be the Internet or a wireless one.
ABSTRACT WORD COUNT: 74
NOTE:
Figure number on first page: 2

LEGAL STATUS (Type, Pub Date, Kind, Text):
Application: 051221 A2 Published application without search report
Change: 060104 A2 Title of invention (German) changed: 20060104
Change: 060104 A2 Title of invention (English) changed: 20060104
Change: 060104 A2 Title of invention (French) changed: 20060104
Search Report: 060104 A3 Separate publication of the search report
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200551	675
SPEC A	(English)	200551	1152
Total word count - document A			1827
Total word count - document B			0
Total word count - documents A + B			1827

...SPECIFICATION device comprises a network protocol for downloading data therefrom. The network protocol can be a **peer** -to- **peer** network protocol or others. The network device downloads data corresponding to search **parameters** according to the **network** protocol. The **search parameters** can be entered by **users** or preestablished in the network device. The downloaded data is then stored to a storage...

18/5,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01435690
Streaming of data in a peer-to-peer architecture
Datenstrom in einer peer-to-peer Architektur
Flux de donnees dans une architecture pair a pair
PATENT ASSIGNEE:
NCR International, Inc., (1449484), 1700 South Patterson Boulevard, Dayton, Ohio 45479, (US), (Proprietor designated states: all)
INVENTOR:
Hartop, Scott, 1 Hayes Crescent, London NW11 0DG, (GB)
LEGAL REPRESENTATIVE:
Williamson, Brian et al (84715), International IP Department, NCR Limited, 206 Marylebone Road, London NW1 6LY, (GB)
PATENT (CC, No, Kind, Date): EP 1217803 A1 020626 (Basic)
EP 1217803 B1 040428
APPLICATION (CC, No, Date): EP 2001309084 011025;
PRIORITY (CC, No, Date): GB 31157 001220
DESIGNATED STATES: DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS (V7): H04L-029/06; H04L-012/56; H04L-012/18
CITED PATENTS (EP B): WO /02345 A; US 5485455 A; US 5640384 A
CITED REFERENCES (EP B):
JONAS K ET AL: "Audio streaming on the Internet. Experiences with real-time streaming of audio streams" INDUSTRIAL ELECTRONICS, 1997. ISIE '97., PROCEEDINGS OF THE IEEE INTERNATIONAL SYMPOSIUM ON GUIMARAES, PORTUGAL 7-11 JULY 1997, NEW YORK, NY, USA,IEEE, US, 7 July 1997 (1997-07-07), pages SS71-SS76, XP010265142 ISBN: 0-7803-3936-3;

ABSTRACT EP 1217803 A1
A method of optimising data streaming in a **peer** -to- **peer** architecture that comprises a plurality of clients in a chain, a **peer** -to- **peer** data streaming system having such architecture, and a client terminal for use in that system. Each **client** , except the last **client** in the chain, monitors its own **bandwidth** , informs a succeeding **client** in the chain of that **bandwidth** , **compares** its own **bandwidth** with the **bandwidth** of a preceding **client** in the chain and, in response to a difference between the compared bandwidths, reorders its position among the clients in the chain.
The chain thus dynamically reorganises itself to stream data more efficiently and with higher, more reliable throughput, reducing the processing power necessary to stream the data and enabling higher quality to be achieved compared to the existing essentially client/server internet infrastructure. This approach also solves the 'bottle-neck' problem within the cascaded streaming path by continuously organising the participating terminals into the most efficient configuration, without interrupting the streamed data.
ABSTRACT WORD COUNT: 162
NOTE:
Figure number on first page: 2

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application:	020626	A1	Published application with search report
Examination:	030305	A1	Date of request for examination: 20021227
Examination:	030319	A1	Date of dispatch of the first examination report: 20030203
Change:	030917	A1	International Patent Classification changed: 20030801
Grant:	040428	B1	Granted patent
Oppn None:	050420	B1	No opposition filed: 20050131

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200226	974
CLAIMS B	(English)	200418	1000
CLAIMS B	(German)	200418	1021
CLAIMS B	(French)	200418	1167
SPEC A	(English)	200226	2412
SPEC B	(English)	200418	2473
Total word count - document A			3387
Total word count - document B			5661
Total word count - documents A + B			9048

...ABSTRACT A1

A method of optimising data streaming in a **peer** -to- **peer** architecture that comprises a plurality of clients in a chain, a **peer** -to- **peer** data streaming system having such architecture, and a client terminal for use in that system. Each **client** , except the last **client** in the chain, monitors its own **bandwidth** , informs a succeeding **client** in the chain of that **bandwidth** , **compares** its own **bandwidth** with the **bandwidth** of a preceding **client** in the chain and, in response to a difference between the compared bandwidths, reorders its...

...SPECIFICATION Against this background, the invention resides in a method of optimising data streaming in a **peer** -to- **peer** architecture comprising a plurality of **clients** in a chain, the method comprising each **client** monitoring its own **bandwidth** , informing a succeeding **client** in the chain of that **bandwidth** , **comparing** its own **bandwidth** with the **bandwidth** of a preceding **client** in the chain and, in response to a difference between the compared bandwidths, reordering its ...

...the clients in the chain.

Similarly, the invention can be expressed in terms of a **peer** -to- **peer** data streaming system comprising a plurality of clients in a chain, each client including bandwidth-monitoring means for monitoring its own bandwidth, communication means for informing a succeeding **client** in the chain of that **bandwidth** , **comparison** means for **comparing** its own **bandwidth** with the **bandwidth** of a preceding **client** in the chain, and reconfiguration means responsive to a difference between the compared bandwidths to...

...CLAIMS A1

1. A method of optimising data streaming in a **peer** -to- **peer** architecture comprising a plurality of **clients** in a chain, the method comprising each **client** (5) monitoring its own **bandwidth** , informing a succeeding **client** (6) in the chain of that **bandwidth** , **comparing** its own **bandwidth** with the **bandwidth** of a preceding **client** (4) in the chain and, in response to a difference between the compared bandwidths, reordering...

...a client replenishes its local buffer memory after the chain has been reordered.

16. A **peer** -to- **peer** data streaming system comprising a plurality of clients in a chain, each client (5) including bandwidth-monitoring means for monitoring its own bandwidth, communication means for informing a succeeding **client** (6) in the chain of that **bandwidth** , **comparison** means for **comparing** its own **bandwidth** with the **bandwidth** of a preceding **client** (4) in the chain, and reconfiguration means responsive to a difference between the compared bandwidths...

18/5,K/3 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01264922
MULTI-PLAYER GAME EMPLOYING DYNAMIC RE-SEQUENCING
JEU A PLUSIEURS PARTICIPANTS METTANT EN OEUVRE UN NOUVELLE MISE EN SEQUENCE DYNAMIQUE

Patent Applicant/Assignee:
NETAMIN COMMUNICATION CORP, 20955 Pathfinder Road, Suite 120, Diamond Bar, CA 91765, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
WANG Andy, 19211 Lindsay Circle, Walnut, CA 91789, US, US (Residence), US (Nationality), (Designated only for: US)
LAW Gabriel, 1806 Palomino Drive, West Covina, CA 91791, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
WIGHT Todd W (et al) (agent), Morrison & Foerster LLP, 555 West Fifth Street, Suite 3500, Los Angeles, CA 90013, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200570012 A2 20050804 (WO 0570012)
Application: WO 2005US2277 20050124 (PCT/WO US05002277)
Priority Application: US 2004762935 20040122
Designated States:
(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 5113

English Abstract
A solution for network latency inherent in a multiplayer online game involving more than two players. The solution is a dynamic re-sequencing and synchronization mechanism that enables seamless and simultaneous participation by remote users, such that an event can have an immediate and consequential effect on a related event without the unwanted effects resulting from network latency.

French Abstract
La presente invention a trait a une solution pour le temps d'attente de reseau intrinseque dans un jeu en ligne a plusieurs participants impliquant plus de deux joueurs. La solution consiste en un nouvelle mise en sequence dynamique et un mecanisme de synchronisation permettant la participation ininterrompue et simultanee d'utilisateurs eloignes, de sorte qu'un evenement peut avoir un effet immediat et correlatif sur un evenement associe sans effets indesirables consequents dus au temps d'attente de reseau.

Legal Status (Type, Date, Text)
Publication 20050804 A2 Without international search report and to be republished upon receipt of that report.

Fulltext Availability:
Detailed Description

Detailed Description
... IP addresses of the other remote clients into sets of clients, and pings the remote **client** or **clients** in each set once per predetermined period, thereby distributing the **pinging** operation to balance incoming and outgoing network traffic. More particularly, this solution **matches** **players** in proximity (and thereby lower network **latency**) to play each other, thus exempting the possibility that network latency may affect gameplay during the game. However, this method only allows **peer** -to-**peer** (where action information in the form of data packets are sent from one player to...

18/5,K/5 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00848432 **Image available**
ANALYSIS OF NETWORK PERFORMANCE
ANALYSE DES PERFORMANCES D'UN RESEAU
Patent Applicant/Assignee:
OMEGON NETWORKS LTD, P.O. Box 305, 20692 Yokneam Illit, IL, IL (Residence), IL (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
BOTTON-DASCAL Shlomit, Bikurim Street 8, 34576 Haifa, IL, IL (Residence), IL (Nationality), (Designated only for: US)
RACHLEVSKI-REICH Benny, Pinsker Street 53, 32715 Haifa, IL, IL (Residence), IL (Nationality), (Designated only for: US)
HAREL Yair, Moshav Yaad, 20155 D.N. Misgav, IL, IL (Residence), IL (Nationality), (Designated only for: US)
SIDI Moshe, Haim Hazaz Street 1/2, 34996 Haifa, IL, IL (Residence), IL (Nationality), (Designated only for: US)
CIDON Israel, Morad Hayasmin 10, 34762 Haifa, IL, IL (Residence), IL (Nationality), (Designated only for: US)
Legal Representative:
COLB Sanford T (et al) (agent), SANFORD T. COLB & CO., P.O. Box 2273, 76122 Rehovot, IL,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200182022 A2-A3 20011101 (WO 0182022)
Application: WO 2001IL329 20010405 (PCT/WO IL0100329)
Priority Application: US 2000557256 20000424
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): G06F-011/00
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 10370
English Abstract
A method for testing of a communication network (22), using a plurality of traffic agents (26, 28, 30) coupled to communicate via the network. The method includes transmitting a sequence of data packets via the network from a first one of the traffic agents to a second one of the traffic agents and recording arrival characteristics of the packets in the sequence, responsive to receiving the packets at the second traffic agent. The arrival characteristics of different packets in the sequence are compared so as to determine a measure of variability in transmission of the packets via the network.

French Abstract
Ce procede d'essai d'un reseau de communication (22) met en oeuvre plusieurs agents de trafic (26, 28, 30) couples de maniere a communiquer par l'intermediaire du reseau. Le procede comprend les etapes suivantes consistant a transmettre une sequence de paquets de donnees, par le biais du reseau, d'un premier agent de trafic a un second agent de trafic, a enregistrer des caracteristiques d'arrivee des paquets de la sequence, par suite de la reception de ces paquets au niveau du second agent de

trafic, et a comparer les caracteristiques d'arrivee des differents paquets de la sequence, de maniere a determiner une mesure de la variabilite dans la transmission de paquets par le biais du reseau.

Legal Status (Type, Date, Text)

Publication	20011101	A2 Without international search report and to be republished upon receipt of that report.
Search Rpt	20020425	Late publication of international search report
Republication	20020425	A3 With international search report.
Examination	20021017	Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:
Detailed Description

Detailed Description
... the first computer.

Alternatively or additionally, running the instance of the application includes running a **distributed computing** application on the first computer, and exchanging the application data packets includes rurming another instance of the application on the second **computer** . Further 6
alternatively or additionally, **comparing** the exchange characteristics includes **comparing** a **delay** in the exchange of application data between the first and second computers relative to the...

18/5,K/6 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00831778 **Image available**
MULTI-PLAYER COMPUTER GAME SYSTEM AND METHOD
SYSTEME ET METHODE DE JEU INFORMATIQUE A PLUSIEURS JOUEURS
Patent Applicant/Assignee:
ACCLIM ENTERTAINMENT INC, One Acclaim Plaza, Glen Cove, NY 11542, US, US (Residence), US (Nationality)
Inventor(s):
CORDERO Angel, 515 Senator Street, Brooklyn, NY 11220, US,
GONZALEZ Nicholas M, 356 Richard Avenue, B4, Hicksville, NY 11801, US,
CHEN Zhi, 1436 Ovington Avenue, Brooklyn, NY 11219, US,
CAMPOS Roger, 32 Swallow Lane, Brentwood, NY 11717, US,
POLANCO Alfred, 6024 80th Avenue, #3, Glendale, NY 11385, US,
MELFI Daniel, 29 Greenport Avenue, Medford, NY 11763, US,
SCHIPANO Nicodemo, 8343 Shelter Creek Lane, San Bruno, CA 94066, US,
OUCHAOU Mimoun, 110 Brooklyn Avenue, 1E, Freeport, NY 11520, US,
Legal Representative:
ROSENTHAL Lawrence (et al) (agent), Stroock & Stroock & Lavan LLP, 180 Maiden Lane, New York, NY 10038, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200165358 A2-A3 20010907 (WO 0165358)
Application: WO 2001US5478 20010220 (PCT/WO US0105478)
Priority Application: US 2000183318 20000217
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): G06F-019/00
Publication Language: English
Filing Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 15154

English Abstract
A multi-player computer game, system and development method that facilitate multi-player game play between and among various hardware platforms employing various operating systems and communication protocols. Special purpose software operable in connection with a processor of a client computing device provides a multi-player computer game. The special purpose software provides an interface between an application module, which provides the functionality for a specific multi-player computer game, and the operating system and hardware devices and protocols of the client computing device. A multi-player game system facilitates multi-player game play between and among a plurality of players regardless of the different hardware platforms (i.e., different client computing devices) used by the various players.

French Abstract
L'invention porte sur un systeme et une methode de jeu informatique a plusieurs joueurs permettant de pratiquer des jeux a plusieurs entre differentes plates-formes materielles utilisant differents systemes d'exploitation et protocoles de communication, et des logiciels ad hoc exploitables par les processeurs d'ordinateur des clients. Ces logiciels

servent d'interface entre d'une part un module d'application commandant la marche d'un jeu specifique, et d'autre part le systeme d'exploitation, les equipements, et les protocoles, des ordinateurs des clients. Ce systeme permet donc des jeux a plusieurs joueurs independamment de la nature de leurs plates-formes materielles respectives (c.-a-d. de leurs ordinateurs) et des protocoles de communication et systemes d'exploitation associes. Il est par ailleurs possible de mettre au point de nouveaux modules d'application en utilisant un noyau commun a plusieurs plates-formes et d'autres techniques de base, simplifiant et accelerant la mise au point. Il n'est plus necessaire d'effectuer de codage specifique a chaque systeme d'exploitation, equipement ou logiciel, et les noyaux communs reutilisables ne necessitent pas d'essai d'integration pour chacun des nouveaux modules d'application, puisque le noyau commun a ete prealablement teste puis integre avec plusieurs plates-formes materielles, systemes d'exploitation, equipements et protocoles.

Legal Status (Type, Date, Text)
Publication 20010907 A2 Without international search report and to be republished upon receipt of that report.
Search Rpt 20020606 Late publication of international search report
Republication 20020606 A3 With international search report.
Examination 20030731 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:
Detailed Description

Detailed Description
... and a game 1 5 server 134 (client/server architecture), or between client computers 200 (**peer** -to- **peer** architecture).

The matchmaker server 124 and the matchmaker 208 component provide matchmaking functionality to enable a player to locate game servers 134 in the network 10 that satisfy **player** -defined requirements (e.g., game name, number of **players** , rules, **ping** time). The **matchmaker** server 124 preferably has a database of game servers 134 located in the network IO...

```
Set     Items   Description
S1    9196437   NETWORK? OR LINK OR COMMUNICATION? ? OR ROUTING OR TRANSMIT
            OR TRANSMITTING OR TRANSFER OR TRANSFERRING OR TRANSMISSION -
           OR TRANSPORT OR TRANSPORTING
S2   14027677   PROPERTY OR PROPERTIES OR ATTRIBUTE? ? OR CRITERION OR CON-
           DITION? ? OR PARAMETER? ?
S3    7523609   MATCH? OR COMPARE? ? OR COMPARISON? ? OR COMPARING
S4     484044   S1 (5N) S2
S5    8067425   CLIENT? ? OR PLAYER? ? OR USER? ? OR ENDUSER? ? OR END()US-
           ER? ? OR MEMBER? ? OR MACHINE? ? OR COMPUTER? ? OR NODE? ? OR
           TERMINAL? ? OR WORKSTATION? ? OR SUBSCRIBER? ?
S6   12557050   QUERY OR QUERIES OR QUERYING OR SEARCH?? OR SEARCHING OR S-
           EEK? ? OR SEEKING OR (LOOK OR LOOKING)()(UP OR FOR) OR LOOKUP
           OR FIND OR FINDING OR FOUND OR LOCATE? ? OR LOCATING OR LOCAT-
           OR? ? OR OBTAIN?? OR OBTAINING OR RETRIEVE? ? OR RETRIEVING OR
            RETRIEVAL
S7    1252582   PING OR PINGING OR LATENCY OR CONGESTION OR DELAY OR LAG OR
            LAGGING OR BANDWIDTH OR THRUPUT OR THROUGHPUT OR (THRU OR TH-
           ROUGH)()PUT OR (TRANSMISSION OR TRANSMIT? OR TRANSFER? OR DAT-
           A)()(RATE? ? OR RATING? ?) OR (COUNT OR NUMBER)(3N)HOP? ?
S8    2621487   NETWORK? OR PEER(2W)PEER OR P2P OR MULTICOMPUTER OR MULTI(-
           )COMPUTER
S9        727   S3 (10N) S5 (10N) S4
S10       374   S9 NOT PY>1996
S11     44937   (GRID OR DISTRIBUTED OR UTILITY)()COMPUTING
S12       464   S9 AND (S8 OR S11)
S13       215   S12 NOT PY>1996
S14    381334   S1 (3N) S2
S15       503   S3 (10N) S5 (10N) S14
S16       321   S15 AND (S8 OR S11)
S17       138   S16 NOT PY>1996
S18       185   S3 (5N) S5 (5N) S14
S19       101   S18 NOT PY>1996
S20       115   S18 AND (S8 OR S11)
S21        58   S20 NOT PY>1996
S22        46   RD  (unique items)
S23      1865   S3 (5N) S5 (5N) S7
S24       909   S23 AND (S8 OR S11)
S25       440   S6 (5N) S5 (5N) S14
S26       329   S25 AND (S8 OR S11)
S27       168   S26 NOT PY>1996
S28   6854385   APPLICATION? ? OR GAME? ? OR GAMING OR CHAT OR IM OR INSTA-
           NT()MESSAG?
S29        95   S26 AND S28
S30        52   S29 NOT PY>1996
S31        41   RD  (unique items)
S32        41   S31 NOT S22
File   8:Ei Compendex(R) 1970-2006/Feb W4
         (c) 2006 Elsevier Eng.  Info. Inc.
File  35:Dissertation Abs Online 1861-2006/Feb
         (c) 2006 ProQuest Info&Learning
File  65:Inside Conferences 1993-2006/Mar 06
         (c) 2006 BLDSC all rts. reserv.
File   2:INSPEC 1898-2006/Feb W4
         (c) 2006 Institution of Electrical Engineers
File  94:JICST-EPlus 1985-2006/Dec W2
         (c)2006 Japan Science and Tech Corp(JST)
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File 111:TGG Natl.Newspaper Index(SM) 1979-2006/Feb 24
(c) 2006 The Gale Group
File 6:NTIS 1964-2006/Feb W3
(c) 2006 NTIS, Intl Cpyrght All Rights Res
File 144:Pascal 1973-2006/Feb W2
(c) 2006 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 34:SciSearch(R) Cited Ref Sci 1990-2006/Feb W4
(c) 2006 Inst for Sci Info
File 62:SPIN(R) 1975-2006/Feb W2
(c) 2006 American Institute of Physics
File 99:Wilson Appl. Sci & Tech Abs 1983-2006/Feb
(c) 2006 The HW Wilson Co.
File 95:TEME-Technology & Management 1989-2006/Feb W4
(c) 2006 FIZ TECHNIK
File 56:Computer and Information Systems Abstracts 1966-2006/Feb
(c) 2006 CSA.
File 57:Electronics & Communications Abstracts 1966-2006/Feb
(c) 2006 CSA.

22/5/4 (Item 4 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

03464909 E.I. Monthly No: EI9208106830
Title: Game theoretic perspective to flow control in telecommunication networks .
Author: Douligeris, Christos; Mazumdar, Ravi
Corporate Source: Univ of Miami, Coral Gables, FL, USA
Source: Journal of the Franklin Institute v 329 n 2 Mar 1992 p 383-402
Publication Year: 1992
CODEN: JFINAV ISSN: 0016-0032
Language: English
Document Type: JA; (Journal Article) Treatment: T; (Theoretical)
Journal Announcement: 9208
Abstract: Multiple classes of traffic with differing and often conflicting requirements arise in an integrated telecommunications environment as users share the limited existing resources. In this paper, a game theoretic perspective is presented and analysed as the appropriate framework for the study of the flow control problem. Using the notion of power as the performance **criterion** , we **compare** a **network** - Pareto optimal solution - with two **user** optimal solutions - Nash and Stackelberg equilibria. The appropriateness of each solution is discussed given the operating characteristics of the system. A proposed greedy algorithm is shown to converge to the Nash equilibrium. (Author abstract) 18 Refs.
Descriptors: *TELECOMMUNICATION--*Traffic; ELECTRIC **NETWORKS** , SWITCHING --Control; PROBABILITY--Game Theory
Identifiers: DYNAMIC ROUTING; INTEGRATED **NETWORKS** ; FLOW CONTROL; NODES
Classification Codes:
716 (Radar, Radio & TV Electronic Equipment); 703 (Electric Circuits); 713 (Electronic Circuits); 922 (Statistical Methods)
71 (ELECTRONICS & COMMUNICATIONS); 70 (ELECTRICAL ENGINEERING); 92 (ENGINEERING MATHEMATICS)

22/5/10 (Item 10 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

01005529 E.I. Monthly No: EI8103021468 E.I. Yearly No: EI81017032
Title: INTRODUCTION TO DATA COMMUNICATIONS SYSTEM PERFORMANCE PARAMETERS.
Author: Grubb, Dana S.
Corporate Source: NBS, Washington, DC
Source: Natl Bur Stand Spec Publ 500-65, Comput Sci and Technol Comput Perform Eval Users Group (CPEUG), Proc of the 16th Meet, Orlando, Fla, Oct 20-23 1980. Publ by NBS, Washington, DC, Oct 1980. Available from GPO, Washington, DC p 71-75
Publication Year: 1980
CODEN: XNBSAV ISSN: 0083-1883
Language: ENGLISH
Journal Announcement: 8103
Abstract: An introduction is presented to a set of **user** -oriented data **communication** system performance **parameters** that will permit the **user** to specify, **compare** , and measure data communication service. The set of parameters is designed to be universal in application for any digital data communication system regardless of the control protocol or **network** topology used. This set of parameters is also selected to provide a comprehensive specification of data communication requirements. The parameters are based on a similar set of parameters contained in Interim Federal Standard 1033. The primary parameters are specific measures of speed (delay and rate), accuracy, and reliability associated with the three primary functions: access, transfer, and disengagement. 5 refs.
Descriptors: *COMPUTER **NETWORKS**
Classification Codes:
723 (Computer Software)
72 (COMPUTERS & DATA PROCESSING)

22/5/13 (Item 3 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

382896 ORDER NO: AAD70-23955
COMPUTER **-AIDED DESIGN OF DISTRIBUTED** PARAMETER MATCHING NETWORKS
Author: TRENKLE, THOMAS DUDLEY
Degree: PH.D.
Year: 1970
Corporate Source/Institution: THE UNIVERSITY OF IOWA (0096)
Source: VOLUME 31/06-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 3414. 282 PAGES
Descriptors: ENGINEERING, ELECTRONICS AND ELECTRICAL
Descriptor Codes: 0544

22/5/23 (Item 9 from file: 2)
DIALOG(R)File 2:INSPEC

02166855 INSPEC Abstract Number: B78013674
Title: Matching conditions for multiterminal networks **with lumped parameters**
Author(s): Onishchuk, A.G.
Journal: Izvestiya Vysshikh Uchebnykh Zavedenii, Radioelektronika vol.20, no.9 p.3-10
Publication Date: Sept. 1977 Country of Publication: Ukrainian SSR, USSR
CODEN: IVUZB5 ISSN: 0021-3470
Language: Russian Document Type: Journal Paper (JP)
Treatment: Theoretical (T)
Abstract: The derivation of transfer matrices for nondissipative **matching** 2n*2- **terminal networks** with lumped **parameters** A/sub alpha /, A/sub beta / reduces to the solution of matrix equations of the type A/sub alpha /K/sub alpha /=LA/sub alpha /, K/sub beta /A/sub beta /=A/sub beta /L. In this case, the signal transmission **network** possesses extremal noise and transmission properties, in the sense that these properties cannot be improved by employing external nondissipative matching devices. (7 Refs)
Subfile: B
Descriptors: impedance matching; lumped parameter **networks** ; matrix algebra
Identifiers: multiterminal **networks** ; transfer matrices; nondissipative matching; signal transmission **network** ; extremal noise; lumped parameter **networks** ; matching conditions
Class Codes: B0210 (Algebra); B1150D (Lumped linear networks)

22/5/26 (Item 12 from file: 2)
DIALOG(R)File 2:INSPEC

01080325 INSPEC Abstract Number: B70002477
Title: Mutual impedance compensation for distance relaying
Inventor(s): Rockefeller, G.D., Jr.
Assignee(s): Westinghouse Electric Corp
Patent Number: US 3430103 Issue Date: 690225
Application Date: 661027
Priority Appl. Number: US 589985
Country of Publication: USA
Language: English Document Type: Patent (PT)
Abstract: In a relaying **network** for parallely arranged polyphase electrical transmission **networks** , two sets of current input terminals are adapted for connection to the **networks** . Each set comprises a plurality of terminals, which is operatively connected to the phases of the **network** . A zero sequence current responsive relay has input and output connections, the input is connected to the second **network** to respond to the flow of zero sequence current. The relay operates in response to the flow of a zero sequence current through its input connections of a magnitude in excess of a predetermined minimum magnitude to place its output connections in a first **condition** . A magnitude **comparison network** has two pairs of input **terminals** and a pair of output **terminals** . It can provide a first output signal at its output terminals when the magnitude of a first electrical signal applied to its first pair of input terminals has a predetermined relation to the magnitude of a second electrical signal applied to its second pair of input terminals.
Subfile: B
Descriptors: transmission **networks**
Class Codes: B8120E (a.c. transmission)

22/5/33 (Item 3 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management

01046029 E96117921046
A group communication protocol for distributed network **management systems**
(Ein Gruppenkommunikationsprotokoll fuer verteilte Netz-Managementsysteme)
Kwang-Hui Lee
Changwon Nat. Univ., ROK
Information Highways for a Smaller World and Better Living, Proc. of ICCC 95, 12th Internat. Conf. on Computer Communication, Seoul, Korea, Aug 21-24, 19951996
Document type: Conference paper Language: English
Record type: Abstract
ISBN: 90-5199-240-8

ABSTRACT:
In this paper, a new group communication protocol has been proposed and implemented for a distributed **network** management system. To reduce protocol overhead, distributed and hierarchical approaches have been introduced: the group management function has been split into three functional entities. Based on this group communication protocol, the distributed **network** management system has been designed and implemented in the author's other project in the environment of experimental campus **network** (CNUCSNet). The distributed **network** management system designed has been based on the hierarchical domain approach. This group communication, therefore, has been designed with a hierarchical and distributed group management scheme. The performance comparison between this protocol and other protocols is on the way.

DESCRIPTORS: DATA **NETWORK** ADMINISTRATION; DISTRIBUTED **PARAMETER** SYSTEMS ; **COMMUNICATION** PROTOCOLS; IMPLEMENTATION; SYSTEMS DESIGN; ERROR RESILIENT SCHEME; SYSTEM RELIABILITY; **COMPUTER NETWORKS** ; **COMPARISON** OF SYSTEMS; MODEL STUDY; COMMUNICATION **NETWORKS**
IDENTIFIERS: GRUPPENKOMMUNIKATION; VERTEILTES NETZ MANAGEMENT; verteiltes Netz-Management; Gruppenkommunikationsprotokoll

32/5/13 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC

05720351 INSPEC Abstract Number: C9409-7440-014
Title: Hypothesis based creation support and application **to structural modeling**
Author(s): Hata, S.; Ohkawa, T.; Komoda, N.
Author Affiliation: Osaka Univ., Japan
Journal: Transactions of the Institute of Electrical Engineers of Japan, Part C vol.113-C, no.11 p.996-1004
Publication Date: Nov. 1993 Country of Publication: Japan
CODEN: DGRCDZ ISSN: 0385-4221
Language: Japanese Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: A creativity support method which supplies suitable information from a computer is proposed. The main idea of this method is creativity support by finding hypotheses for an item. Other items, which are connected by the hypotheses, are **retrieved** from the database. These items are given as related information to the **user** . A **network** type database, the **condition** -action **network** , and a hypothesis based **retrieval** algorithm are proposed. The **retrieval** algorithm consists of a connection process which connects items by hypotheses, and a selection process. The selection process selects the influential items from the connected items, using an evaluation function. A structural modeling support system using hypothesis based creation support has been developed. Experience using this system indicates that it helps one to hit on various and unusual items. (12 Refs)
Subfile: C
Descriptors: CAD; database management systems; information retrieval; personal computing; structural engineering computing
Identifiers: hypothesis based creation support; structural modeling; creativity support method; **network** type database; condition-action **network** ; hypothesis based retrieval algorithm; evaluation function; structural modeling support system
Class Codes: C7440 (Civil and mechanical engineering); C6160 (Database management systems (DBMS)); C7250 (Information storage and retrieval)

32/5/14 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC

05498620 INSPEC Abstract Number: B9311-6210M-045
Title: Quality of service in B-ISDN and relation with network **management**
Author(s): Jung, J.I.; Seret, D.; Picard, R.
Author Affiliation: Networks Dept., ENST, Paris, France
Conference Title: SUPERCOMM/ICC '92. Discovering a New World of Communications (Cat. No.92CH3132-8) p.1779-83 vol.4
Publisher: IEEE, New York, NY, USA
Publication Date: 1992 Country of Publication: USA 4 vol. (xxxv+xxxv+xxxv+xviii+1913) pp.
ISBN: 0 7803 0599 X
U.S. Copyright Clearance Center Code: CH3132-8/92/0000-1779$03.00
Conference Sponsor: IEEE
Conference Date: 14-18 June 1992 Conference Location: Chicago, IL, USA
Language: English Document Type: Conference Paper (PA)
Treatment: Theoretical (T)
Abstract: A quality of service (QOS) framework for broadband integrated services digital **networks** (ISDN) is presented. The framework contains **network** performance (NP), parameters, QOS parameters and a QOS architecture. The NP **parameters** characterizing an asynchronous **transfer** mode (ATM) **network** are reviewed. The QOS parameters are **obtained** from the **user** 's service requirements and a QOS time-line model. The QOS architecture in the open systems interconnection (OSI) reference model are defined with respect to the **network** management (NM) framework. The QOS framework covers the NM framework and acts an an **application** of the NM, which is based on the intercommunication between the service user, service provider, and **network** provider. (14 Refs)
Subfile: B
Descriptors: asynchronous transfer mode; B-ISDN; open systems; telecommunication **network** management
Identifiers: ATM **network** ; OSI reference model; B-ISDN; **network** management; quality of service; broadband integrated services digital **networks** ; **network** performance; QOS parameters; QOS architecture; asynchronous transfer mode; QOS time-line model
Class Codes: B6210M (ISDN); B6210C (Network management); B6150C (Switching theory)

32/5/17 (Item 6 from file: 2)
DIALOG(R)File 2:INSPEC

01869861 INSPEC Abstract Number: B76011105
Title: Experimental investigation of the statistical properties of certain magnitudes of the electrical network **of production and transmission**
Author(s): Basaldella, F.; Di Caprio, U.
Author Affiliation: ENEL, Milano, Italy
Journal: Rendiconti della Riunione Annuale dell' Associazione Elettrotecnica Italiana vol.49, no.3 p.A75/1-14
Publication Date: 1974 Country of Publication: Italy
CODEN: RRAEAE ISSN: 0066-9822
Language: English Document Type: Journal Paper (JP)
Treatment: Experimental (X)
Abstract: The experimental results of an evaluation of certain important statistical properties of electrical quantities of the ENEL 220/380 kV **network** are presented. They have been obtained by the use of sophisticated fast-response transducers, active filters and digital recording on magnetic tape using **computer** 'smoothing'. Important results relating to dynamic **network** behaviour under disturbed **conditions** ('hunting' between **machines**), have been **obtained** , discriminating between 'slow' oscillations due to load changes and 'fast' hunting. (10 Refs)
Subfile: B C
Descriptors: electrical engineering **applications** of computers; high-voltage techniques; statistical analysis; transmission **networks**
Identifiers: statistical properties; 220/380 kV **network** ; dynamic **network** behaviour; hunting between machines; fast response transducers; electrical engineering **applications** of computers; power transmission **network**
Class Codes: B8120 (Power transmission, distribution and supply); C7410B (Power engineering)

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Set     Items   Description
S1     121061   (NETWORK? OR LINK OR COMMUNICATION? ? OR ROUTING OR TRANSM-
             IT OR TRANSMITTING OR TRANSFER OR TRANSFERRING OR TRANSMISSION
              OR TRANSPORT OR TRANSPORTING)(3N)(PROPERTY OR PROPERTIES OR -
             ATTRIBUTE? ? OR CRITERION OR CONDITION? ? OR PARAMETER? ?)
S2    7351852   MATCH? OR COMPARE? ? OR COMPARISON? ? OR COMPARING
S3   22358574   CLIENT? ? OR PLAYER? ? OR USER? ? OR ENDUSER? ? OR END()US-
             ER? ? OR MEMBER? ? OR MACHINE? ? OR COMPUTER? ? OR NODE? ? OR
             TERMINAL? ? OR WORKSTATION? ? OR SUBSCRIBER? ?
S4     915495   (QUERY OR QUERIES OR QUERYING OR SEARCH?? OR SEARCHING OR -
             SEEK? ? OR SEEKING OR (LOOK OR LOOKING)()(UP OR FOR) OR LOOKUP
              OR FIND OR FINDING OR FOUND OR LOCATE? ? OR LOCATING OR LOCA-
             TOR? ? OR RETRIEVE? ? OR RETRIEVING OR RETRIEVAL)(5N)S3
S5    2206074   PING OR PINGING OR LATENCY OR CONGESTION OR DELAY OR LAG OR
              LAGGING OR BANDWIDTH OR THRUPUT OR THROUGHPUT OR (THRU OR TH-
             ROUGH)()PUT OR (TRANSMISSION OR TRANSMIT? OR TRANSFER? OR DAT-
             A)()(RATE? ? OR RATING? ?) OR (COUNT OR NUMBER)(3N)HOP? ?
S6      93298   PEER()TO()PEER OR P2P OR MULTICOMPUTER OR (GRID OR DISTRIB-
             UTED OR UTILITY)()COMPUTING OR MULTI()COMPUTER
S7         72   S2 (5N) S3 (5N) S1
S8         29   S7 NOT PY>1996
S9         25   RD  (unique items)
S10        94   S4 (5N) S1
S11        49   S10 NOT PY>1996
S12        35   RD  (unique items)
S13        34   S12 NOT S9
S14      2193   S2 (5N) S3 (5N) S5
S15         1   S14 (30N) S6
File  88:Gale Group Business A.R.T.S. 1976-2006/Feb 27
         (c) 2006 The Gale Group
File 369:New Scientist 1994-2006/Aug W4
         (c) 2006 Reed Business Information Ltd.
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 635:Business Dateline(R) 1985-2006/Mar 04
         (c) 2006 ProQuest Info&Learning
File  15:ABI/Inform(R) 1971-2006/Mar 06
         (c) 2006 ProQuest Info&Learning
File  16:Gale Group PROMT(R) 1990-2006/Mar 06
         (c) 2006 The Gale Group
File   9:Business & Industry(R) Jul/1994-2006/Feb 28
         (c) 2006  The Gale Group
File  13:BAMP 2006/Feb W4
         (c) 2006  The Gale Group
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 610:Business Wire 1999-2006/Mar 06
         (c) 2006 Business Wire.
File 647:CMP  Computer Fulltext 1988-2006/Mar W1
         (c) 2006 CMP Media, LLC
File  98:General Sci Abs 1984-2004/Dec
         (c) 2005 The HW Wilson Co.
File 148:Gale Group Trade & Industry DB 1976-2006/Mar 03
         (c)2006 The Gale Group
File 634:San Jose Mercury  Jun 1985-2006/Mar 04
         (c) 2006 San Jose Mercury News
File 275:Gale Group Computer DB(TM) 1983-2006/Mar 03
         (c) 2006 The Gale Group
File  47:Gale Group Magazine DB(TM) 1959-2006/Mar 03
         (c) 2006 The Gale group
File  75:TGG Management Contents(R) 86-2006/Feb W4
         (c) 2006 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2006/Mar 03
         (c) 2006 The Gale Group
File 624:McGraw-Hill Publications 1985-2006/Mar 03
```

(c) 2006 McGraw-Hill Co. Inc
File 484:Periodical Abs Plustext 1986-2006/Feb W3
(c) 2006 ProQuest
File 613:PR Newswire 1999-2006/Mar 06
(c) 2006 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 141:Readers Guide 1983-2004/Dec
(c) 2005 The HW Wilson Co
File 239:Mathsci 1940-2006/Apr
(c) 2006 American Mathematical Society
File 370:Science 1996-1999/Jul W3
(c) 1999 AAAS
File 696:DIALOG Telecom. Newsletters 1995-2006/Mar 03
(c) 2006 Dialog
File 553:Wilson Bus. Abs. 1982-2004/Dec
(c) 2005 The HW Wilson Co

9/3,K/2 (Item 2 from file: 88)

01507135 SUPPLIER NUMBER: 03000418
The architecture of cognition. (book reviews)
Holyoak, Keith
Science, v222, p499(2)
Nov 4, 1983
CODEN: SCIEAS DOCUMENT TYPE: review ISSN: 0036-8075
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1071 LINE COUNT: 00104

... rules should be executed on a given cycle--is now handled solely by the pattern- **matching** process that **compares** active **nodes** in the **network** to **conditions** of rules. Several factors, such as level of activation of nodes, the "strength" of rules...

9/3,K/6 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00660810 93-10031
Tango: PCB Plus/Route PRO
Waddell, Pete
Printed Circuit Design v9n12 PP: 37-43 Dec 1992
ISSN: 1047-5567 JRNL CODE: PCC
WORD COUNT: 2636

...TEXT: contains the name of the input file (.PCB), output file (.PCB), report file (.LOG) and **routing** setup **parameters** . A browse command lets the **user** select from all files that **match** the pertinent extension.

GRIDS. This is probably the most versatile area of Route PRO and...

9/3,K/7 (Item 5 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00334538 86-34952
A Fundamental Approach to the Basics of Networking
Wlosinski, Larry G.
Data Management v24n9 PP: 13-19 Sep 1986
ISSN: 0148-5431 JRNL CODE: DMG

...ABSTRACT: can be single or multitasking, but not all multiuser systems allow multitasking for the individual **user** . When a **communications** program is loaded, **parameters** must be set to **match** those of the other **machines** . Some micros or terminals can be connected to emulate the mainframe. In setting up a...

9/3,K/9 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04713785 Supplier Number: 46940247 (USE FORMAT 7 FOR FULLTEXT)
Adapters Unveiled: Fast Ethernet cards boost reliability
InformationWeek, p120
Dec 2, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 149

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...adapter, which supports the PCI bus architecture, is designed to boost the reliability of these **machines** even under congested **network conditions** , so that they can **compare** more favorably with higher-cost, midrange servers.

9/3,K/16 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

08529192 SUPPLIER NUMBER: 18094753 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Software genetically sorts neural nets. (BioComp's NeuroGenesis technology) (Technology Information)
Johnson, R. Colin
Electronic Engineering Times, n892, p38(2)
March 11, 1996
ISSN: 0192-1541 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1116 LINE COUNT: 00091

...ABSTRACT: networks and tries out each one, generation after generation, until an optimal one is located. **Users** set the desired **parameters** for their neural **networks** and the software finds the appropriate **match** . The software supports tabular and graphical displays so technicians can study and observe the NeuroGenesis...

9/3,K/18 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

07173015 SUPPLIER NUMBER: 14921451 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Network strives to make B&Bs easier to book. (The National Network, association of bed-and-breakfast reservation services) (Brief Article)
Golden, Fran
Travel Weekly, v53, n4, p94(1)
Jan 17, 1994
DOCUMENT TYPE: Brief Article ISSN: 0041-2082 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 356 LINE COUNT: 00029

... smoking or nonsmoking accommodations and any pet allergies.

Using the data on the form, the **member** reservations services can help agencies **match** their **clients** with pre-inspected **properties** .

The National **Network** recently surveyed travelers and found 25% of those staying at bed-and-breakfast establishments last...

13/3,K/1 (Item 1 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.

02442474 SUPPLIER NUMBER: 08330644
EC Commission communication on establishing an information services market. (European Community rational for internal information services market) (transcript)
Communications of the ACM, v33, n4, p426(7)
April, 1990
DOCUMENT TYPE: transcript ISSN: 0001-0782 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 4425 LINE COUNT: 00406

... the following matters:
* Harmonization of procedures for connection to networks and hosts,
* automatic identification by **networks** of the configuration **parameters** of **terminal** equipment.
* harmonization of documentary **search** software commands,
* harmonization of formats for data transfer by diskette and by downloading and harmonization...

13/3,K/2 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)

01906407
Mapcon Takes On Factory Network Comfiguration
Electronics April 14, 1988 p. 95,96
ISSN: 0883-4989

...will ask users to specify 62 separate parameters for each station on a network. MAPcon **queries** the **user** on some 6 key **parameter** settings for each **network** station, and then graphically develops the remaining parameter settings. The program has an icon-based...

13/3,K/3 (Item 1 from file: 635)
DIALOG(R)File 635:Business Dateline(R)

0542693 94-99564
Network Systems Corp. introduces Networks-On-Demand(TM) on new Enterprise Routing Switch
Amodeo, Mary Ellen
Business Wire (San Francisco, CA, US) s1 p1
PUBL DATE: 941108
WORD COUNT: 752
DATELINE: Washington, DC, US

TEXT:

...and money required to complete those tasks. It builds logical networks by interrogating the data, **seeking** common attributes and assigning **users** whose data share those **attributes** to a **network** ," said Mark Cree, Network Systems marketing group manager, routers and switches.

ERS addresses three high...

13/3,K/6 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01115038 97-64432
Harris and FPL partner to develop trouble call management system
Anonymous
Transmission & Distribution v47n11 PP: 12 Oct 1995
ISSN: 0041-1280 JRNL CODE: TMD
WORD COUNT: 244

...TEXT: and switching orders to the appropriate distribution control center dispatcher and field investigator and present **network** data, **conditions** and work tickets to mobile **computers** **located** in FPL trouble trucks. TCMS II will support a coordinated operation with multiple control centers...

13/3,K/11 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04279674 Supplier Number: 46270211 (USE FORMAT 7 FOR FULLTEXT)
Picture-perfect networks, part 1
InfoWorld, p078
April 1, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 3435

... s GrafBase, suddenly disappeared from the market last month. GrafBase had strong WAN capabilities, allowing **users** to **query network** devices by geographical **attributes** , such as area codes. The technology in GrafBase has been sold to Computer Associates International...

13/3,K/13 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

03640762 Supplier Number: 45135935 (USE FORMAT 7 FOR FULLTEXT)
ATM: NETWORK SYSTEMS CORP. INTRODUCES NETWORKS-ON-DEMAND ON NEW ENTERPRISE ROUTING SWITCH: SINGLE PLATFORM COMBINES ROUTING & SWITCHING WITH ATM CONNECTIVITY
EDGE, on & about AT&T, v9, n329, pN/A
Nov 14, 1994
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 740

... and money required to complete those tasks. It builds logical networks by interrogating the data, **seeking** common attributes and assigning **users** whose data share those **attributes** to a **network** ," said Mark Cree, Network Systems marketing group manager, routers and switches.
ERS ADDRESSES THREE HIGH...

13/3,K/15 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

02678472 Supplier Number: 43573716 (USE FORMAT 7 FOR FULLTEXT)
Canada Votes With LANtastic
CommunicationsWeek, p19
Jan 11, 1993
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 536

... well as to network resources.
Banyan has added object-oriented enhancements to StreetTalk that let **network** managers assign multiple **attributes** to **users** and resources and **search** StreetTalk directories for specific combinations of attributes. These features will be officially released along with...

13/3,K/16 (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

02677782 Supplier Number: 43572853 (USE FORMAT 7 FOR FULLTEXT)
BANYAN ANNOUNCES STREETTALK III
News Release, p1
Jan 11, 1993
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 934

... attributes about any object on the network.

Advanced Object Search

With the new advanced object **search** feature, **users** and administrators can **find** any object on the **network** based on its **attributes** . For example, a **user** may now command a **search** such as "Locate a Postscript printer with plain paper loaded on the 3rd floor." A...

13/3,K/18 (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire

0442972 BW0011

NETWORK SYSTEMS: Network Systems Corp. introduces Networks-on-Demand(TM) on new Enterprise Routing Switch: Single platform combines routing and switching with ATM connectivity

November 08, 1994

Byline: Business Editors & Computer Writers

...and money required to complete those tasks. It builds logical networks by interrogating the data, **seeking** common attributes and assigning **users** whose data share those **attributes** to a **network** ," said Mark Cree, Network Systems marketing group manager, routers and switches.
ERS addresses three high...

13/3,K/20 (Item 3 from file: 810)
DIALOG(R)File 810:Business Wire

0313538 BW794

BANYAN SYSTEMS 2: Banyan announces StreetTalk III; next generation of the industry-leading global directory service

January 11, 1993

Byline: Business Editors

...attributes about any object on the network.
Advanced Object Search
With the new advanced object **search** feature, **users** and administrators can **find** any object on the **network** based on its **attributes** . For example, a **user** may now command a **search** such as "Locate a Postscript printer with plain paper loaded on the 3rd floor." A...

13/3,K/23 (Item 2 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext

00541579 CMP ACCESSION NUMBER: CWK19930111S5513
Profile-Canada Votes With LANtastic
MICHAEL DORTCH
COMMUNICATIONSWEEK, 1993, n 436, 19
PUBLICATION DATE: 930111
JOURNAL CODE: CWK LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Local Area Networks
WORD COUNT: 534

... well as to network resources.
Banyan has added object-oriented enhancements to StreetTalk that let **network** managers assign multiple **attributes** to **users** and resources and **search** StreetTalk directories for specific combinations of attributes. These features will be officially released along with...

13/3,K/24 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

08573108 SUPPLIER NUMBER: 18155239 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Picture-perfect networks. (PinPoint Software's ClickNet Professional 2.3, Microsystems Engineering's SysDraw The Network Illustrator, Visio's Visio Technical 4.0 and Vision Shapes for Network Equipment network diagramming tools) (includes related articles on results at a glance, how products were tested)(includes comparison table and related articles on results and how the products were tested) (Software Review)(Evaluation)
Pickens, David
InfoWorld, v18, n14, p78(8)
April 1, 1996
DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 7562 LINE COUNT: 00611

... s GrafBase, suddenly disappeared from the market last month. GrafBase had strong WAN capabilities, allowing **users** to **query network** devices by geographical **attributes** , such as area codes. The technology in GrafBase has been sold to Computer Associates International...

13/3,K/27 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

06742051 SUPPLIER NUMBER: 14617973 (USE FORMAT 7 OR 9 FOR FULL TEXT)
SNA: Wellfleet expands IBM internetworking strategy for smooth SNA multiprotocol integration. Reaffirms commitment to IBM DLSW & APPN standards. (Wellfleet Communications to implement IBM standards in router product line) (Systems Network Architecture, Data Link Switching, Advanced Peer-to-Peer Networking)
EDGE, on & about AT&T, v8, n272, p36(1)
Oct 11, 1993
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 782 LINE COUNT: 00073

... device errors, provide ring status information, and ensure that all end stations are using common **parameters** . Additionally, LAN **Network** Manager can **query** a Wellfleet **node** as a managed device.
TOKEN RING-TO-ETHERNET CONVERSION Today, many enterprise internetworking environments contain...

13/3,K/29 (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

05226598 SUPPLIER NUMBER: 10884873 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The future of intelligent, networked ACDs. If you wanted to link ACDs and call centers into a single system, how would it work? Here's one perspective on what is to come. (automatic call distribution)
Bergman, David
Business Communications Review, v21, n5, p47(6)
May, 1991
ISSN: 0162-3885 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 4430 LINE COUNT: 00431

... simpler scheme is to specify the rules for routing a call and program them into **lookup** tables at each **node** . As **network conditions** change, each node alters its routing patterns in response to the new environment. This technique...

13/3,K/32 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

01996992 Supplier Number: 43589608 (USE FORMAT 7 FOR FULLTEXT)
LAN WORLD: BANYAN ANNOUNCES STREETTALK III; NEXT GENERATION OF GLOBAL DIRECTORY SERVICE
EDGE: Work-Group Computing Report, v4, n139, pN/A
Jan 18, 1993
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 818

... attributes about any object on the network.
ADVANCED OBJECT SEARCH
With the new advanced object **search** feature, **users** and administrators can **find** any object on the **network** based on its **attributes** . For example, a **user** may now command a **search** such as "Locate a Postscript printer with plain paper loaded on the 3rd floor." A ...

15/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02895043 842894481
Impact Of P2P On Networks
Passmore, David
Business Communications Review v35n5 PP: 14-15 May 2005
ISSN: 0162-3885 JRNL CODE: BCR

...ABSTRACT: file to simultaneously upload their received fragments to other users. The rate at which a **user** can download file fragments is automatically limited to **match** their upload **bandwidth** . Some cable operators and few Internet services offer limited video-on-demand today. But **P2P** networks promise much more efficient distribution that uses existing broadband networks. The biggest bandwidth impact...

```
Set     Items   Description
S1      17308   NETWORK? OR LINK OR COMMUNICATION? ? OR ROUTING OR TRANSMIT
             OR TRANSMITTING OR TRANSFER OR TRANSFERRING OR TRANSMISSION -
            OR TRANSPORT OR TRANSPORTING
S2       3125   PROPERTY OR PROPERTIES OR ATTRIBUTE? ? OR CRITERION OR CON-
            DITION? ? OR PARAMETER? ?
S3       2528   MATCH? OR COMPARE? ? OR COMPARISON? ? OR COMPARING
S4        110   S1 (5N) S2
S5      28285   CLIENT? ? OR PLAYER? ? OR USER? ? OR ENDUSER? ? OR END()US-
            ER? ? OR MEMBER? ? OR MACHINE? ? OR COMPUTER? ? OR NODE? ? OR
            TERMINAL? ? OR WORKSTATION? ? OR SUBSCRIBER? ?
S6      10536   QUERY OR QUERIES OR QUERYING OR SEARCH?? OR SEARCHING OR S-
            EEK? ? OR SEEKING OR (LOOK OR LOOKING)()(UP OR FOR) OR LOOKUP
            OR FIND OR FINDING OR FOUND OR LOCATE? ? OR LOCATING OR LOCAT-
            OR? ? OR OBTAIN?? OR OBTAINING OR RETRIEVE? ? OR RETRIEVING OR
             RETRIEVAL
S7       1829   PING OR PINGING OR LATENCY OR CONGESTION OR DELAY OR LAG OR
             LAGGING OR BANDWIDTH OR THRUPUT OR THROUGHPUT OR (THRU OR TH-
            ROUGH)()PUT OR (TRANSMISSION OR TRANSMIT? OR TRANSFER? OR DAT-
            A)()(RATE? ? OR RATING? ?) OR (COUNT OR NUMBER)(3N)HOP? ?
S8        914   PEER(2W)PEER OR P2P OR MULTICOMPUTER OR (GRID OR DISTRIBUT-
            ED OR UTILITY)()COMPUTING OR MULTI()COMPUTER
S9          1   S3 (10N) S5 (10N) S4
S10         8   S6 (10N) S5 (10N) S4
S11         8   RD  (unique items)
S12        37   (S3 OR S6) (10N) S5 (10N) S7
S13         1   S12 NOT RD>19960321
File 256:TecInfoSource 82-2006/Feb
```

9/5/1
DIALOG(R)File 256:TecInfoSource 82-2006/Feb

00155030 DOCUMENT TYPE: Review

PRODUCT NAMES: SCADA (803146)

TITLE: SCADA, RTU protocols
AUTHOR: Sheble, Nicholas Kalapatapu, Rao
SOURCE: InTech, v52 n4 p63(1) Apr 2005
ISSN: 0192-303X
HOMEPAGE: http://www.isa.org

RECORD TYPE: Review
REVIEW TYPE: Product Analysis

Modbus, Modbus X, Distributed network protocol (DNP), ASCII, and IEEE 60870 are highlighted in a discussion of availability of drivers and programming software that can exist from many or all SCADA system vendors due to open industry standard emerging protocols and networks. RTU/PLC protocols are becoming virtual standards in modern SCADA systems. Local area networks/protocols from sensors/field devices to the PLC/RTU and from PLC/RTU to SCADA are sensor networks, fieldbus nets, controls nets, and safety buses. A significant portion of any complex SCADA system design requires the **matching** of protocol and **communication parameters** between connecting devices. There are approximately 200 real-time **user** layer and application protocols. They are proprietary and non-proprietary protocols, and some included are Allen Bradley DF1, DH, and DH+, GE Fanuc, Siemens SINAUT, Mitsubishi, Modbus RTU/ASCII, Omron, Toshiba, and Westinghouse. Modbus is the virtual standard for RTU and PLC communications but cannot handle large positive and negative numbers. Therefore, many companies have expanded the protocol, including Bristol, Daniels, and ENRON. With the universal Modbus X expanded protocol, experimentation with different proprietary expansions of the protocol is no longer necessary.

COMPANY NAME: TecTerms (999999)
DESCRIPTORS: Industrial Automation; Remote Control; Sensors; Standards
REVISION DATE: 20060100

10/5/21 (Item 21 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011424880 **Image available**
WPI Acc No: 1997-402787/199737
XRPX Acc No: N97-334959

Network unicast WAN server-group messaging method - involves group messaging server aggregating contents of received messages to reduce message traffic between hosts

Patent Assignee: MPATH INTERACTIVE INC (MPAT-N); HEARME (HEAR-N)
Inventor: KWIATKOWSKI M P; **ROTHSCHILD J J** ; **SAMUEL D J**

Number of Countries: 075 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9728502	A1	19970807	WO 97US567	A	19970121	199737	B
AU 9717471	A	19970822	AU 9717471	A	19970121	199801	
			WO 97US567	A	19970121		
US 5822523	A	19981013	US 96595323	A	19960201	199848	
US 6018766	A	20000125	US 96595323	A	19960201	200012	
			US 97896797	A	19970718		
JP 2000504133	W	20000404	JP 97527663	A	19970121	200027	
			WO 97US567	A	19970121		
EP 1012724	A1	20000628	EP 97904759	A	19970121	200035	
			WO 97US567	A	19970121		
US 6226686	B1	20010501	US 96595323	A	19960201	200126	
			US 97896797	A	19970718		
			US 99407371	A	19990928		

Priority Applications (No Type Date): US 96595323 A 19960201; US 97896797 A 19970718; US 99407371 A 19990928
Cited Patents: US 5079767; US 5309433; US 5309437; US 5329619; US 5361256
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9728502	A1	E	64	G06F-013/00	
Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN					
Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG					
AU 9717471	A			G06F-013/00	Based on patent WO 9728502
US 5822523	A			H04H-001/02	
US 6018766	A			G06F-013/00	Cont of application US 96595323 Cont of patent US 5822523
JP 2000504133	W		69	G06F-013/00	Based on patent WO 9728502
EP 1012724	A1	E		G06F-013/00	Based on patent WO 9728502
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
US 6226686	B1			G06F-015/16	Cont of application US 96595323 Cont of application US 97896797 Cont of patent US 5822523 Cont of patent US 6018766

Abstract (Basic): WO 9728502 A

The message provision method involves providing a group messaging server coupled to the network communicating with the hosts using the unicast messages and maintaining a list of message groups containing at least one host computer. A message is sent by a first host belonging to a first message group via the unicast network. The message contains a payload portion and a portion for identifying the first message group. The server transmits via the unicast network the payload portion to the selected host computers belonging to the first group.

In an interactive application, the group messaging server aggregates the contents of each message received during a specified

time period and then sends an aggregated message to the target hosts, reducing latency in communication between hosts.

USE - For group messaging systems and methods for reducing message rate and latency.

Dwg.10/11

Title Terms: NETWORK; WAN; SERVE; GROUP; MESSAGING; METHOD; GROUP; MESSAGING; SERVE; AGGREGATE; CONTENT; RECEIVE; MESSAGE; REDUCE; MESSAGE; TRAFFIC; HOST

Derwent Class: T01; W01

International Patent Class (Main): **G06F-013/00** ; **G06F-015/16** ; H04H-001/02

International Patent Class (Additional): H04L-012/18

File Segment: EPI

10/5/22 (Item 22 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010790416 **Image available**
WPI Acc No: 1996-287369/199629
XRPX Acc No: N96-241174

Management system for internal execution threads in process - using framework and mechanism for structuring e.g telephone exchange software such that handling of real-time behaviour of application is simplified

Patent Assignee: TELEFONAKTIEBOLAGET ERICSSON L M (TELF)
Inventor: **WOLF M**
Number of Countries: 028 Number of Patents: 016
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9618148	A1	19960613	WO 95SE1480	A	19951208	199629	B
AU 9642769	A	19960626	AU 9642769	A	19951208	199641	
NO 9702596	A	19970717	WO 95SE1480	A	19951208	199739	
			NO 972596	A	19970606		
EP 796462	A1	19970924	EP 95941307	A	19951208	199743	
			WO 95SE1480	A	19951208		
FI 9702406	A	19970805	WO 95SE1480	A	19951208	199745	
			FI 972406	A	19970606		
BR 9509892	A	19971230	BR 959892	A	19951208	199807	
			WO 95SE1480	A	19951208		
AU 695271	B	19980813	AU 9642769	A	19951208	199844	
MX 9703999	A1	19970901	MX 973999	A	19970530	199850	
JP 10510641	W	19981013	WO 95SE1480	A	19951208	199851	
			JP 96517543	A	19951208		
KR 98700610	A	19980330	WO 95SE1480	A	19951208	199901	
			KR 97703853	A	19970609		
US 5961584	A	19991005	WO 95SE1480	A	19951208	199948	
			US 97849554	A	19970602		
CN 1169192	A	19971231	CN 95196681	A	19951208	200168	
EP 796462	B1	20020828	EP 95941307	A	19951208	200264	
			WO 95SE1480	A	19951208		
DE 69527978	E	20021002	DE 95627978	A	19951208	200273	
			EP 95941307	A	19951208		
			WO 95SE1480	A	19951208		
KR 421797	B	20040520	WO 95SE1480	A	19951208	200460	
			KR 97703853	A	19970609		
CN 1096027	C	20021211	CN 95196681	A	19951208	200528	

Priority Applications (No Type Date): SE 944294 A 19941209
Cited Patents: 1.Jnl.Ref; EP 537721; US 5057996
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9618148	A1	E	42	G06F-009/46	
Designated States (National): AU BR CA CN FI JP KR MX NO SG US					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE					
AU 9642769	A			G06F-009/46	Based on patent WO 9618148
NO 9702596	A			G06F-009/46	
EP 796462	A1	E		G06F-009/46	Based on patent WO 9618148
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI NL SE					
FI 9702406	A			G06F-000/00	
BR 9509892	A			G06F-009/46	Based on patent WO 9618148
AU 695271	B			G06F-009/46	Previous Publ. patent AU 9642769 Based on patent WO 9618148
MX 9703999	A1			G06F-009/46	
JP 10510641	W		48	G06F-009/46	Based on patent WO 9618148
KR 98700610	A			G06F-009/46	Based on patent WO 9618148
US 5961584	A			G06F-009/46	Based on patent WO 9618148
CN 1169192	A			G06F-009/46	
EP 796462	B1	E		G06F-009/46	Based on patent WO 9618148

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI NL SE

DE 69527978	E	G06F-009/46	Based on patent EP 796462 Based on patent WO 9618148
KR 421797	B	G06F-009/46	Previous Publ. patent KR 98000610 Based on patent WO 9618148
CN 1096027	C	G06F-009/46	

Abstract (Basic): WO 9618148 A

The method for managing internal execution threads involves driving the execution threads by process internal event messages. The messages are distributed to event receiving threads (1208- 1212) based upon distribution categories of event generating functions, and are performed only to event receiving threads which have interest in internal messages, and cause monitoring of the occurrence of the events.

A number of event receiving threads, a number of entities (1228-1238) representing one or more monitoring for one event generating function to an event receiving thread, a number of second entities (1216-1220) representing a monitoring for event generating functions of the distribution category, and a third entity (1214) for keeping track of all event receiving threads that have monitored the distribution category, are associated with each distribution category,

USE/ADVANTAGE - Managing internal execution threads in process e.g during telephone call, in telecommunications data system, by providing framework and mechanism for structuring telephone exchange software such that real-time behaviour of application is easier to handle, and complexity of software is reduced.

Dwg.12/20

Title Terms: MANAGEMENT; SYSTEM; INTERNAL; EXECUTE; THREAD; PROCESS; FRAMEWORK; MECHANISM; STRUCTURE; TELEPHONE; EXCHANGE; SOFTWARE; HANDLE; REAL; TIME; BEHAVE; APPLY; SIMPLIFY

Derwent Class: T01; W01

International Patent Class (Main): **G06F-000/00** ; **G06F-009/46**

International Patent Class (Additional): **G06F-015/16**

File Segment: EPI

10/5/24 (Item 24 from file: 350)
DIALOG(R)File 350:Derwent WPIX

008784732 **Image available**
WPI Acc No: 1991-288747/199140
XRAM Acc No: C91-124896
XRPX Acc No: N91-221012

Programmable control system for machine tools and textile plant - has step by step checking to determine cycle point based upon actual status

Patent Assignee: AKAD WISS INFO RECH (DEAK); TECH UNIV MARX-K (UYMA-N); VEB TEXTIMA ELTRN MARX-K (TEXT-N)
Inventor: MATTHES W; STEINBACH B; **WOLF M**

Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DD 289835	A	19910508	DD 334860	A	19891127	199140	B

Priority Applications (No Type Date): DD 334860 A 19891127

Abstract (Basic): DD 289835 A

A system is used for the execution of complex control cycles of the type encountered on machine tools or textile machinery. The status of the machine is defined for all stages of the operating cycle. A step by step checking procedure is carried out to determine cycle point based upon the actual status.

ADVANTAGE - Provides programmable control of machine processes.

(38pp Dwg.No.1/30)

Title Terms: PROGRAM; CONTROL; SYSTEM; MACHINE; TOOL; TEXTILE; PLANT; STEP; STEP; CHECK; DETERMINE; CYCLE; POINT; BASED; ACTUAL; STATUS
Derwent Class: F07
International Patent Class (Additional): **G06F-015/34**
File Segment: CPI

```
Set     Items   Description
S1        113   AU='GRIMM S' OR AU='GRIMM S M'
S2         48   AU='GRIMM, S' OR AU='GRIMM, S.'
S3         36   AU='ROTHSCHILD J' OR AU='ROTHSCHILD J J'
S4          2   AU='ROTHSCHILD JEFFREY'
S5          9   AU='ROTHSCHILD, J.'
S6        864   AU='SAMUEL D' OR AU='SAMUEL D J'
S7        100   AU='SAMUEL, D.' OR AU='SAMUEL, D. J.'
S8          5   AU='SAMUEL, D.J.' OR AU='SAMUEL, DAN J.'
S9         34   AU='WOLF MICHAEL'
S10      2293   AU='WOLF M' OR AU='WOLF M A'
S11      1328   AU='WOLF, M' OR AU='WOLF, M.' OR AU='WOLF, M. A.'
S12        29   AU='WOLF, M.A.'
S13        27   AU='WOLF, MICHAEL' OR AU='WOLF, MICHAEL A.'
S14      4885   S1:S13
S15        84   S14 AND NETWORK?
S16         0   S14 AND PEER()TO()PEER
S17        23   S15 NOT PY>1996
S18        17   RD  (unique items)
S19         1   S14 AND (MATCH? OR COMPARE? ? OR COMPARISON? ? OR COMPARING
                )(5N)(CLIENT? ? OR PLAYER? ? OR USER? ?)
File   2:INSPEC 1898-2006/Feb W3
         (c) 2006 Institution of Electrical Engineers
File   6:NTIS 1964-2006/Feb W2
         (c) 2006 NTIS, Intl Cpyrght All Rights Res
File   8:Ei Compendex(R) 1970-2006/Feb W3
         (c) 2006 Elsevier Eng.  Info. Inc.
File  34:SciSearch(R) Cited Ref Sci 1990-2006/Feb W4
         (c) 2006 Inst for Sci Info
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 1998 Inst for Sci Info
File  35:Dissertation Abs Online 1861-2006/Feb
         (c) 2006 ProQuest Info&Learning
File  65:Inside Conferences 1993-2006/Mar 01
         (c) 2006 BLDSC all rts. reserv.
File  94:JICST-EPlus 1985-2006/Dec W1
         (c)2006 Japan Science and Tech Corp(JST)
File  99:Wilson Appl. Sci & Tech Abs 1983-2006/Feb
         (c) 2006 The HW Wilson Co.
File 144:Pascal 1973-2006/Feb W1
         (c) 2006 INIST/CNRS
File 636:Gale Group Newsletter DB(TM) 1987-2006/Mar 02
         (c) 2006 The Gale Group
```

18/5/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC

06557929 INSPEC Abstract Number: B9705-6250G-045, C9705-7410F-158
Title: A fast simulation approach for availability study of FAA networks **in support of GPS guided navigation**
Author(s): Xiaowei Yang; **Wolf, M.** ; Rozen, N.
Author Affiliation: RMS Technol. Inc., Washington, DC, USA
Conference Title: Proceedings of the 1995 Summer Computer Simulation Conference. Twenty-Seventh Annual Summer Computer Simulation Conference p.841-6
Editor(s): Oren, T.I.; Birta, L.G.
Publisher: SCS, San Diego, CA, USA
Publication Date: 1995 Country of Publication: USA xxi+1136 pp.
Material Identity Number: XX95-01976
Conference Title: Proceedings of 1995 Summer Computer Simulation Conference
Conference Date: 24-26 July 1995 Conference Location: Ottawa, Ont., Canada
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: Availability analysis for large and complex telecommunications **networks** can be very tedious. Graph theory may sometimes be useful, but if the **network** structure is as complex as that in the Federal Aviation Administration (FAA) National Airspace System (NAS), availability study of the entire **network** may not be something everyone can enjoy. Monte Carlo simulation methods can usually produce a fairly accurate result with high confidence. However, since the **networks** are highly reliable systems, the speed of simulation, even with a powerful computer, can render the simulation approach impractical. We propose to use a fast simulation method for an availability study of the FAA telecommunications **network** in support of the Wide-Area Augmentation System (WAAS) that will be used for GPS navigation. The core of the fast simulation is the change of transition probability distributions such that the probability of the occurrence of the rare event (**network** breakdown) is increased during the simulation and the individual rare event is properly scaled after each repetition of the simulation. A Markovian model of birth-death process (of unavailable links and nodes) is adopted so that a systematic change of transition probabilities can be implemented. Analytical lower and upper bounds for the estimation, by simulation, are obtained. An upper bound of the estimation variance, derived from the optimal probability change, is also obtained. This fast simulation methodology is extended to be applicable to any system whose dynamics can be modeled as an independent incremental stochastic process. (6 Refs)
Subfile: B C
Descriptors: aerospace computing; discrete event simulation; Global Positioning System; Monte Carlo methods; telecommunication computing
Identifiers: fast simulation approach; availability study; FAA **networks** ; GPS guided navigation; availability analysis; telecommunications **networks** ; graph theory; **network** structure; Monte Carlo simulation methods; highly reliable systems; simulation approach; estimation variance; FAA telecommunications **network** ; Wide-Area Augmentation System; optimal probability change; transition probability distributions; rare event; **network** breakdown; Markovian model; birth-death process; independent incremental stochastic process
Class Codes: B6250G (Satellite relay systems); B6330 (Radionavigation and direction finding); B0240G (Monte Carlo methods); C7410F (Communications computing); C7460 (Aerospace engineering computing); C6185 (Simulation techniques); C1140G (Monte Carlo methods)

18/5/3 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC

06463882 INSPEC Abstract Number: B9702-6210L-067, C9702-7160-017
Title: Telecooperation in product development-chances and risks of intercorporate networks
Author(s): Springer, J.; Herbst, D.; Kremer, M.; Schlick, C.; **Wolf, M.** ; Luczak, H.
Author Affiliation: Inst. of Ind. Eng. & Ergonomics, Aachen Univ. of Technol., Germany
Conference Title: Proceeding of the International Symposium Work in the Information Society p.192-201
Editor(s): Rantanen, J.; Lehtinen, S.; Huuhtanen, P.; Harma, M.; Laitinen, H.; Lehtela, J.
Publisher: Finnish Inst. Occupational Health, Helsinki, Finland
Publication Date: 1996 Country of Publication: Finland iii+215 pp.
Material Identity Number: XX96-01290
Conference Title: Proceedings of International Symposium on Work in the Information Society
Conference Date: 20-22 May 1996 Conference Location: Helsinki, Finland
Availability: Finnish Inst. Occupational Health, Topeliuksenkatu 41a A, FIN-00250 Helsinki, Finland
Language: English Document Type: Conference Paper (PA)
Treatment: General, Review (G); Practical (P)
Abstract: Based on studies of several processes for introducing telecooperation into the automotive industry, this article describes experiences with the introduction of telecooperation, the identified success factors and the existing limits of such innovative technology. Most important differences between companies exist at the user level as well as at the organizational level. Furthermore, support and management factors are important to reach success. Mainly non-technical factors are important for the effective use of telecooperation. Nevertheless, limits for telecooperation still exist. Telecooperation cannot reduce organizational deficiencies (either within the company organization or between companies) or personal deficiencies. (10 Refs)
Subfile: B C
Descriptors: DP management; manufacturing data processing; product development; risk management; wide area **networks**
Identifiers: telecooperation; product development; risks; intercorporate **networks** ; automotive industry; success factors; technology limits; user-level differences; organizational-level differences; support factors; management factors; nontechnical factors; organizational deficiencies; personal deficiencies
Class Codes: B6210L (Computer communications); B0170 (Project and production engineering); B0140 (Administration and management); C7160 (Manufacturing and industrial administration); C5620W (Other computer networks); C0310D (Computer installation management)

18/5/4 (Item 4 from file: 2)
DIALOG(R)File 2:INSPEC

06067136 INSPEC Abstract Number: B9511-6260-140
Title: Code multiplex in optical communication technology
Author(s): Freund, R.; Hampicke, D.; Iversen, K.; Muckenheim, J.; Rauschenbach, P.; Reimer, W.; Rohr, W.; Scheiner, J.; Schleuss, F.; Schubert, H.; **Wolf, M.** ; Ziemann, O.
Author Affiliation: Inst. of Commun. & Meas. Technol., Ilmenau Tech. Univ., Germany
Journal: NE Science vol.45, no.3 p.29-35
Publication Date: May-June 1995 Country of Publication: West Germany
CODEN: NESCEZ
Language: German Document Type: Journal Paper (JP)
Treatment: Applications (A); Theoretical (T)
Abstract: With increasing development of photonics and further technological progress in microelectronics, known theoretical principles of communication technology are becoming usable in an ever widening area. Because of the wide bandwidth of the glass fibre transmission medium and optical signal processing, code division multiple access (CDMA) is of interest. This article surveys the use and potential of this technology on various examples of application. (20 Refs)
Subfile: B
Descriptors: broadband **networks** ; code division multiple access; optical fibre communication; optical information processing
Identifiers: photonics; microelectronics; communication technology; bandwidth; glass fibre transmission medium; optical signal processing; code division multiple access; CDMA
Class Codes: B6260 (Optical links and equipment); B6120B (Codes); B6150E (Multiple access communication)

18/5/5 (Item 5 from file: 2)
DIALOG(R)File 2:INSPEC

05778600 INSPEC Abstract Number: B9411-6150M-033, C9411-5640-032
Title: An approach for delay-sensitive services in CRMA-II
Author(s): Gehring, H.; Ulrich, R.; **Wolf, M.**
Author Affiliation: Erlangen Univ., Germany
p.134-8
Publisher: Eur. Inst. Commun. & Networks, Basel, Switzerland
Publication Date: 1994 Country of Publication: Switzerland iv+232 pp.
ISBN: 3 905084 28 7
Conference Title: Proceedings of Twelfth Annual Conference on European Fibre Optic Communications and Networks (EFOC & N'94)
Conference Date: 21-24 June 1994 Conference Location: Heidelberg, Germany
Availability: AKM AG, Clarastrasse 57, Postfach, CH-4005 Basel, Switzerland
Language: English Document Type: Conference Paper (PA)
Treatment: Theoretical (T)
Abstract: In this paper, we describe a concept for the extension of CRMA-II (cyclic reservation multiple access) by a new service class. CRMA-II is a medium access protocol for slotted gigabit **networks** . The new service can be used for the ensured transfer of loss- and delay-sensitive traffic, like motion picture transfer or real time communication. The proposed methodology adapts to the known principles of CRMA-II and requires no changes to the way asynchronous services are provided. Finally we present and discuss some results of our analytical studies for performance evaluation of this conception. (6 Refs)
Subfile: B C
Descriptors: multi-access systems; protocols; telecommunication traffic
Identifiers: delay-sensitive services; CRMA-II; cyclic reservation multiple access; new service class; medium access protocol; slotted gigabit **networks** ; delay-sensitive traffic; loss-sensitive traffic; motion picture transfer; real time communication; asynchronous services; analytical studies
Class Codes: B6150M (Protocols); B6210L (Computer communications); B6150E (Multiple access communication); C5640 (Protocols)

18/5/6 (Item 6 from file: 2)
DIALOG(R)File 2:INSPEC

05596963 INSPEC Abstract Number: B9403-6210-023
Title: Synchronization and timing of SDH networks
Author(s): Powell, W.E.; Cubbage, R.W.; Ferrant, J.L.; **Wolf, M.**
Author Affiliation: Alcatel Network Syst., Raleigh, NC, USA
Journal: Electrical Communication no.4 p.349-58
Publication Date: 1993 Country of Publication: France
CODEN: ELCMAX
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P); Theoretical (T); Experimental (X)
Abstract: An adequate level of synchronization performance is critical to achieving acceptable payload jitter and wander effects in a synchronous digital **network** . Two basic techniques are in existence: master-slave and mutual synchronization. Both European and North American **network** synchronization plans are considered. Topics discussed include timing information transfer through the **network** , the pointer mechanism, reference distribution, and the synchronization **network** architecture. Adaptation to plesiochronous digital hierarchy transport layers is considered, as well as the modelling of synchronization and jitter accumulation. Measurement of synchronization stability using the time deviation concept is illustrated. (6 Refs)
Subfile: B
Descriptors: electronic switching systems; SONET; switching **networks** ; synchronisation; synchronous digital hierarchy; telephone **networks** ; time measurement
Identifiers: SDH **networks** ; synchronization performance; payload jitter; wander effects; synchronous digital **network** ; master-slave synchronization ; mutual synchronization; North American **network** synchronization plans; European **network** synchronization plans; **network** information transfer timing; pointer mechanism; reference distribution; synchronization **network** architecture; plesiochronous digital hierarchy transport layers; synchronization stability; time deviation concept
Class Codes: B6210 (Telecommunication applications); B6260 (Optical links and equipment); B6230B (Electronic telephone exchanges); B6150C (Switching theory)

18/5/7 (Item 7 from file: 2)
DIALOG(R)File 2:INSPEC

04754912 INSPEC Abstract Number: C90070385
Title: Covert channels in LAN protocols
Author(s): **Wolf, M.**
Author Affiliation: Tele-Consulting GmbH, Gaufelden, West Germany
Conference Title: Local Area Network Security. Workshop LANSEC '89. European Institute for System Security (E.I.S.S.) Proceedings p.91-101
Editor(s): Berson, T.A.; Beth, T.
Publisher: Springer-Verlag, Berlin, West Germany
Publication Date: 1989 Country of Publication: West Germany ix+152 pp.
ISBN: 3 540 51754 5
Conference Date: 3-6 April 1989 Conference Location: Karlsruhe, West Germany
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: Encryption is generally understood as being the basic mechanisms for LAN security. However, usage of encryption finds its limitations in case of an unauthorized information flow via covert channels. Some covert storage and timing channels inherent in a LAN's architecture are already described in the literature. The author takes a more general approach. He shows, that there is a potential of unused bandwidth in commonly used LAN protocols (IEEE 802.2, 802.3, 802.4, 802.5), which might be exploitable as covert channel. The key point is, that exploitation of this potential of unused bandwidth is not a question of a LAN's architecture, but is strongly dependent on the design of its internal interfaces and on its implementations. The author describes how these channels may be blocked and emphasizes the necessity to investigate the design and implementation of the protocols as part of an evaluation of a LAN. (9 Refs)
Subfile: C
Descriptors: local area **networks** ; protocols; security of data
Identifiers: LAN security; encryption; covert storage; timing channels; unused bandwidth; LAN protocols; IEEE 802.2; 802.3; 802.4; 802.5; covert channel
Class Codes: C5620L (Local area networks)

18/5/9 (Item 9 from file: 2)
DIALOG(R)File 2:INSPEC

04410143 INSPEC Abstract Number: A89080323, B89051736, C89044265
Title: Differential nonlinearity compensation enables the design of a low-cost networked **MCA**
Author(s): **Wolf, M.A.** ; McAtee, J.L., III
Author Affiliation: Los Alamos Nat. Lab., NM, USA
Journal: IEEE Transactions on Nuclear Science vol.36, no.1, pt.1 p. 723-5
Publication Date: Feb. 1989 Country of Publication: USA
CODEN: IETNAE ISSN: 0018-9499
U.S. Copyright Clearance Center Code: 0018-9499/89/0200-0723$01.00
Conference Title: 1988 Nuclear Science Symposium
Conference Sponsor: IEEE; Lawrence Berkeley Lab.; Lawrence Livermore Nat. Lab.; et al
Conference Date: 9-11 Nov. 1988 Conference Location: Orlando, FL, USA
Language: English Document Type: Conference Paper (PA); Journal Paper (JP)
Treatment: Practical (P)
Abstract: An algorithm to compensate for the differential nonlinearity of an inexpensive integrated-circuit analog-to-digital converter (ADC) made it possible to develop a simple, low-cost multichannel analyzer (MCA). The cost is low enough ($250) to allow the use of an MCA per head in a plutonium continuous-air-monitoring (CAM) system. Multiple heads are connected to a standard personal computer via a simple **networking** scheme to allow a single computer to control a number of heads. The power requirements are low enough for the heads to be powered from a single power supply over the **network** cable. The system provides improved detectability, lower false alarm rates, lower installation costs, and lower maintenance. It is self-diagnosing for common problems and can even set its own filter change intervals. The authors discuss the design development, the circuit design, the software, and the performance. (2 Refs)
Subfile: A B C
Descriptors: pulse height analysers; software engineering
Identifiers: low-cost **networked** MCA; differential nonlinearity; low-cost multichannel analyzer; **networking** scheme; power requirements; circuit design; software
Class Codes: A2960E (Pulse counting assemblies; counting scalers, analyzers); B7430 (Counting circuits and electronics); C7320 (Physics and Chemistry)

18/5/10 (Item 10 from file: 2)
DIALOG(R)File 2:INSPEC

0000639870 INSPEC Abstract Number: 1963B04554
Title: Equalization in generation, transmission and distribution of electrical energy
Author(s): Marcioni, E.; **Wolf, M.**
Journal: Elektrizitaetswirtschaft 61 20 p.767-775
Publication Date: 20 Oct. 1962 Country of Publication: Germany
Language: German Document Type: Journal Paper (JP)
Abstract: The influence of equalization may be considered by examining the values which the simultaneity factor may attain under various conditions. This factor is defined and its dependence on the number of consumers, their type in the total population and their load characteristics is discussed and shown in graphs. Further, the relation of the simultaneity factor to the load factor is investigated based on research work done in USA. The effect of the demand factor is discussed. The various methods used for the study of equalization problems are described. They consist to the taking of samples at random or of taking selected samples either in groups or in layers. These methods are critically compared. International comparisons are briefly dealt with.
Subfile: B
Descriptors: distribution **networks** ; power station load
Identifiers: distribution **networks** ; load -- power stations
Class Codes: B8110D (Power system planning and layout)

18/5/11 (Item 11 from file: 2)
DIALOG(R)File 2:INSPEC

0000406401 INSPEC Abstract Number: 1953B00026
Title: Reserve problem of power station and network **planning**
Author(s): **Wolf, M.**
Journal: Elektrizitaetswirtschaft 51 p.453-460
Publication Date: 5 Aug. 1952 - 20 Aug. 1952 Country of Publication: Germany
Language: German Document Type: Journal Paper (JP)
Abstract: The principles of power station reserve are discussed and the terminology defined. The dependence of reserve factor on installed turbine and boiler capacity and the effect of power station grouping are considered, giving approximate formulae developed from available statistics. The effect of reserve factor on costs is noted. The paper is illustrated by curves, block diagrams and tables. A discussion is appended.
Subfile: B
Descriptors: power station load
Identifiers: load -- power stations
Class Codes: B8110 (Power systems)

18/5/14 (Item 1 from file: 65)
DIALOG(R)File 65:Inside Conferences

02153020 INSIDE CONFERENCE ITEM ID: CN022596985
Diffuse-Infrared Broadband-Communication System Based on Multiple Optical Carriers
Wolf, M. ; Maempel, D.; Iversen, K.
CONFERENCE: Networks and optical communications Vol 2; ATM, networks and LANs-European conference
P: 263-270
Amsterdam, Oxford, IOS, 1996
ISBN: 9051992769; 4274901041; 3905084465
LANGUAGE: English DOCUMENT TYPE: Conference Papers
CONFERENCE EDITOR(S): Faulkner, D. W.; Harmer, A. 1996 (199600) (199600)

BRITISH LIBRARY ITEM LOCATION: 98/00027
DESCRIPTORS: NOC; ATM; optical communications; **networks** ; LANS; WDM **networks**

18/5/15 (Item 2 from file: 65)
DIALOG(R)File 65:Inside Conferences

01714290 INSIDE CONFERENCE ITEM ID: CN017464924
Time/wavelength coding for diffuse infrared communication systems with multiple optical carriers (2953-21)
Iversen, K.; **Wolf, M.** ; Kuhwald, T.; Jugl, E.
CONFERENCE: Broadband strategies and technologies for wide area and local access networks-Conference
PROCEEDINGS- SPIE THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, 1996; ISSUE 2953 P: 204-212
SPIE, 1996
ISSN: 0361-0748 ISBN: 0819423572
LANGUAGE: English DOCUMENT TYPE: Conference Papers
CONFERENCE EDITOR(S): Vercelli, R.
CONFERENCE SPONSOR: SPIE
CONFERENCE LOCATION: Berlin
CONFERENCE DATE: Oct 1996 (199610) (199610)

BRITISH LIBRARY ITEM LOCATION: 6823.100000
DESCRIPTORS: broadband strategies; wide area **networks** ; local access **networks** ; SPIE

18/5/17 (Item 1 from file: 144)
DIALOG(R)File 144:Pascal

13066923 PASCAL No.: 97-0357583
Time/wavelength coding for diffuse infrared communication systems with multiple optical carriers
Broadband strategies and technologies for wide area and local access networks : Berlin, 10-11 October 1996
IVERSEN K; **WOLF M** ; KUHWALD T; JUGL E; MUECKENHEIM J
VERCELLI Roberto, ed
Heinrich-Hertz-Institut fuer Nachrichtentechnik Berlin GmbH, Einsteinufer 37, 10587 Berlin, Germany; Technische Universitaet Ilmenau, P.O. Box 0565, 98684 Ilmenau, Germany
International Society for Optical Engineering, Bellingham WA, United States.
Broadband strategies and technologies for wide area and local access networks. Conferenc (Berlin DEU) 1996-10-10
Journal: SPIE proceedings series, 1996, 2953 204-212
ISSN: 1017-2653 Availability: INIST-21760; 354000062514830200
No. of Refs.: 15 ref.
Document Type: P (Serial); C (Conference Proceedings) ; A (Analytic)
Country of Publication: United States
Language: English
We propose two possibilities to combine multiple optical wavelengths (MOW) with code division multiple access (CDMA) to achieve asynchronous access in diffuse IR-systems. A serial coding type which combines D-ary wavelength-shift keying (WSK) with incoherent CDMA and a parallel coding type where the channels are distinguished by time/wavelength-matrices are investigated. We analyze the theoretical performance and show numerical results for different code families.

English Descriptors: Remote data processing; Equipment; Optical circuit; System architecture; Coding; Parallel system; Performance analysis; Error analysis; Experimental study; Simulation; System performance

French Descriptors: Teleinformatique; Equipement; Circuit optique; Architecture systeme; Codage; Systeme parallele; Analyse performance; Calcul erreur; Etude experimentale; Simulation; Performance systeme

Classification Codes: 001D02B06; 001D03G02C2; 001D02B10

19/5/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

08755991 INSPEC Abstract Number: C2003-11-6150N-117
Title: Service morphing: integrated system- and application-level service adaptation in autonomic systems
Author(s): Poellabauer, C.; Schwan, K.; Agarwala, S.; Gavrilovska, A.; Eisenhauer, G.; Pande, S.; Pu, C.; **Wolf, M.**
Author Affiliation: Coll. of Comput., Georgia Inst. of Technol., Atlanta, GA, USA
Conference Title: Proceedings of the Autonomic Computing Workshop. Fifth Annual International Workshop on Active Middleware Services. AMS 2003 p. 93-102
Editor(s): Parashar, M.; Hariri, S.; Raghavendra, C.
Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA
Publication Date: 2003 Country of Publication: USA x+197 pp.
ISBN: 0 7695 1983 0 Material Identity Number: XX-2003-02581
U.S. Copyright Clearance Center Code: 0-7695-1983-0/03/$17.00
Conference Title: AMS 2003, Autonomic Computing Workshop: 5th Annual International Workshop on Active Middleware
Conference Sponsor: IBM; Nat. Sci. Found.; Soc. Modeling & Simulation; IEEE; IEEE Comput. Soc.; Arizona Center for Integrative Modeling & Simulation; Univ. Southern California; WINLAB, Rutgers Univ
Conference Date: 25 June 2003 Conference Location: Seattle, WA, USA
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: Service morphing is a set of techniques used to continuously meet an application's quality of service (QoS) needs, in the presence of run-time variations in service locations, platform capabilities, or end-user needs. These techniques provide high levels of flexibility in how, when, and where necessary processing and communication actions are performed. Lightweight middleware supports flexibility by permitting end-users to subscribe to information channels of interest to them whenever they desire, and then apply exactly the processing to such information they require. New compiler and binary code generation techniques dynamically generate, deploy, and specialize code in order to **match** current **user** needs to available platform resources. Finally, to deal with run-time changes in resource availability, kernel-level resource management mechanisms are associated with user-level middleware. Such associations range from loosely coupled, where kernel-level resource management monitors and occasionally responds to userlevel events, to tightly coupled, where kernel-level mechanisms import, export, and use performance and control attributes in conjunction with each resource-relevant userlevel event. (34 Refs)
Subfile: C
Descriptors: configuration management; distributed algorithms; middleware ; program compilers; quality of service; resource allocation; user modelling
Identifiers: service morphing; integrated system adaptation; application-level service adaptation; autonomic system; quality of service; QoS; run-time variation; service location; end-user need; communication action; middleware flexibility; information channel; information processing ; compiler technique; binary code generation; code deployment; code specialization; platform resource; run-time change; resource availability; kernel-level resource management mechanism; user-level middleware; user-level event monitoring
Class Codes: C6150N (Distributed systems software); C6110B (Software engineering techniques); C6170K (Knowledge engineering techniques); C4240P (Parallel programming and algorithm theory); C6130 (Data handling techniques); C6150C (Compilers, interpreters and other processors)

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Set     Items   Description
S1    3835345   NETWORK? OR LINK OR COMMUNICATION? ? OR ROUTING OR TRANSMIT
            OR TRANSMITTING OR TRANSFER OR TRANSFERRING OR TRANSMISSION -
           OR TRANSPORT OR TRANSPORTING
S2    2126288   PROPERTY OR PROPERTIES OR ATTRIBUTE? ? OR CRITERION OR CON-
           DITION? ?
S3     990868   MATCH? OR COMPARE? ? OR COMPARISON? ? OR COMPARING
S4      48204   S1 (5N) S2
S5        645   S3 (5N) S4
S6        213   S5 AND IC=G06F
S7         41   S6 AND PY=1976:1996
S8         41   IDPAT (sorted in duplicate/non-duplicate order)
S9         39   IDPAT (primary/non-duplicate records only)
S10   5174110   CLIENT? ? OR PLAYER? ? OR USER? ? OR ENDUSER? ? OR END()US-
           ER? ? OR MEMBER? ? OR MACHINE? ? OR COMPUTER? ? OR NODE? ? OR
           TERMINAL? ? OR WORKSTATION? ?
S11       1357   S10 AND S4 AND S3
S12        269   S10 (10N) S4 (10N) S3
S13         60   S12 AND PY=1976:1996
S14         60   IDPAT (sorted in duplicate/non-duplicate order)
S15         54   IDPAT (primary/non-duplicate records only)
S16         12   S15 AND IC=G06F
S17         38   S12 AND AY=1963:1996
S18         30   S17 NOT S16
S19         30   IDPAT (sorted in duplicate/non-duplicate order)
S20         30   IDPAT (primary/non-duplicate records only)
S21          8   S20 AND IC=G06F
S22         31   S9 NOT (S16 OR S21)
File 347:JAPIO Nov 1976-2005/Nov(Updated 060302)
        (c) 2006 JPO & JAPIO
File 350:Derwent WPIX 1963-2006/UD,UM &UP=200615
        (c) 2006  Thomson Derwent
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9/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011027859 **Image available**
WPI Acc No: 1997-005783/ **199701**
XRPX Acc No: N97-005324
Group terminal unit for multiplex-transmission supervisory-control system used in data communication - has condition comparator which compares **and distinguishes coincidence between** condition **variation data stored in** transmission **data area and reception data area within same address0 respectively**
Patent Assignee: MATSUSHITA ELECTRIC WORKS LTD (MATW)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 8275261	A	19961018	JP 9570247	A	19950328	199701	B

Priority Applications (No Type Date): JP 9570247 A 19950328
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8275261	A		10	H04Q-009/00	

Abstract (Basic): JP 8275261 A
The unit (A) has first and second CPUs (S,M) which manage a time-division-multiplex-signal processor (7) and a main controller (6) during data communication. A common memory (1) with a communication area is utilised during data communication. A condition data is received from a monitoring terminal (9) and the condition variation is distinguished. A condition variation data with an address is formed through a condition variation detector (5). A memory transmitter (2) sends the address of the condition variation data to the communication area of the memory. A memory receiver (3) outputs the address to the signal processor.
The condition variation data transmitted to the memory communication area is stored in a transmission data area. A character-position condition variation data is stored in a reception data area. The condition variation data stored in the transmission data area and the reception data area are compared corresp. to the same address. A condition comparator (4) distinguishes the comparison coincidence.
ADVANTAGE - Prevents incorrect data transmission by distinguishing abnormality in stored condition variation data.
Dwg.1/11
Title Terms: GROUP; TERMINAL; UNIT; MULTIPLEX; TRANSMISSION; SUPERVISION; CONTROL; SYSTEM; DATA; COMMUNICATE; CONDITION; COMPARATOR; COMPARE; DISTINGUISH; COINCIDE; CONDITION; VARIATION; DATA; STORAGE; TRANSMISSION; DATA; AREA; RECEPTION; DATA; AREA; ADDRESS; RESPECTIVE
Derwent Class: T01; W05
International Patent Class (Main): H04Q-009/00
International Patent Class (Additional): **G06F-011/30** ; **G06F-013/00**
File Segment: EPI

9/5/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010171282 **Image available**
WPI Acc No: 1995-072535/ **199510**
XRPX Acc No: N95-057331
Distributed network management system - performs network management of higher order by comparing attribute value of management objects defined by sub-network management system
Patent Assignee: NEC CORP (NIDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 6350612	A	19941222	JP 93139752	A	19930611	199510	B

Priority Applications (No Type Date): JP 93139752 A 19930611
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 6350612	A		5	H04L-012/28	

Abstract (Basic): JP 6350612 A

The distribution network management system consists of a network management system (4) with a high order network management system (manager) (1) and sub-network management system (agent) (2). The manager and agent have OSI function. A sub-network (5,6) is consists of multiplexers (node) (11-14). A sub-network management system divides the nodes arbitrarily and manages the communication network by changing a group.

Each agent gives definition and attribute of a management objects such as a path (7-9) and a link (15-18) close to a sub-network. Management information between related objects of a sub-network is not formed. The manager collects a management object information such as path (7,9) from agents (2,3) by **comparing attribute** . The management object between sub- **network** is not defined on a database.

ADVANTAGE - Reduces managing information of manager. Reduces reference processing time of management object in database. Reduces memory requirement for management information.

Dwg.1/2
Title Terms: DISTRIBUTE; NETWORK; MANAGEMENT; SYSTEM; PERFORMANCE; NETWORK; MANAGEMENT; HIGH; ORDER; COMPARE; ATTRIBUTE; VALUE; MANAGEMENT; OBJECT; DEFINE; SUB; NETWORK; MANAGEMENT; SYSTEM
Derwent Class: T01; W01
International Patent Class (Main): H04L-012/28
International Patent Class (Additional): **G06F-013/00** ; H04L-012/24; H04L-012/26
File Segment: EPI

16/5/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO

03677237 **Image available**
LINK PRODUCTION METHOD

PUB. NO.: 04-042337 [JP 4042337 A]
PUBLISHED: February 12, 1992 (**19920212**)
INVENTOR(s): INAGAWA YURIKO
APPLICANT(s): FUJI XEROX CO LTD [359761] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 02-149282 [JP 90149282]
FILED: June 07, 1990 (19900607)
INTL CLASS: [5] **G06F-012/00** ; **G06F-015/40**
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1358, Vol. 16, No. 220, Pg. 5, May 22, 1992 (19920522)

ABSTRACT

PURPOSE: To improve the link production efficiency by securing the linkage between a processing subject object and an object defined by the link producing conditions as long as the contents of the processing subject object are accordant with the link producing conditions which are previously registered by a user.

CONSTITUTION: A link production control means 1 **compares** a processing subject object 2 with the prescribed **conditions** (**link** producing **conditions**) 3 related to the linkage between the objects registered by a **user** when the object 2 is edited. When the contents of the object 2 are accordant with the conditions 3, the means 1 secures the linkage between the processing subject object 2 and the object 2 defined by the conditions 3. Thus the objects related with each other can be linked together in an easy and quick way.

16/5/8 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX

009090734 **Image available**
WPI Acc No: 1992-218155/ **199227**
XRPX Acc No: N92-165662

Monitoring operation of network coupled computers - carries out interrogation, comparison, and alarm tripping by protected monitor, linked to computers

Patent Assignee: SIEMENS NIXDORF INFORM AG (SIEI)
Inventor: GLASCHICK R
Number of Countries: 018 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 4101141	C	19920702	DE 4101141	A	19910116	199227	B
WO 9213307	A1	19920806	WO 92EP61	A	19920114	199234	
EP 567492	A1	19931103	EP 92902319	A	19920114	199344	
			WO 92EP61	A	19920114		
EP 567492	B1	19940921	EP 92902319	A	19920114	199436	
			WO 92EP61	A	19920114		
ES 2059211	T3	19941101	EP 92902319	A	19920114	199444	
US 5475625	A	19951212	US 9387786	A	19930713	199604	
			US 94340808	A	19941117		

Priority Applications (No Type Date): DE 4101141 A 19910116
Cited Patents: 2.Jnl.Ref; EP 304033; WO 9005418
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 4101141	C		13	G06F-012/14	
WO 9213307	A1	G	26	G06F-011/00	
Designated States (National): FI NO US					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LU MC NL SE					
EP 567492	A1	G	26	G06F-011/00	Based on patent WO 9213307
Designated States (Regional): AT CH DE DK ES FR GB IT LI SE					
EP 567492	B1	G	16	G06F-011/00	Based on patent WO 9213307
Designated States (Regional): AT CH DK ES FR GB IT LI SE					
ES 2059211	T3			G06F-011/00	Based on patent EP 567492
US 5475625	A		13	G05B-015/00	Cont of application US 9387786

Abstract (Basic): DE 4101141 C

The process monitors **computers** (3) which are connected through a **network** (2). The **attributes** of data life of the **computers** are tested automatically and **compared** with stored and protected rated or required values for the attributes and an alarm signal given in case of non-agreement.

The testing, comparison and the alarm tripping are carried out by a monitoring unit (1) connected to the computers and not accessible by intruders from outside. The rated values of the data constants, held by the monitoring unit, are not susceptible to test processes.

USE/ADVANTAGE - For computer system protection, with reduced risk of unauthorised manipulation.

Dwg.1/6

Title Terms: MONITOR; OPERATE; NETWORK; COUPLE; COMPUTER; CARRY; INTERROGATION; COMPARE; ALARM; TRIP; PROTECT; MONITOR; LINK; COMPUTER
Derwent Class: T01; W01
International Patent Class (Main): G05B-015/00; **G06F-011/00** ; **G06F-012/14**

File Segment: EPI

16/5/9 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX

008842693 **Image available**
WPI Acc No: 1991-346709/ **199147**
XRPX Acc No: N91-265464
Network management system with event rule handling - allows user **to establish rules which are pattern** matched **to** attributes **of incoming events from** network **objects**
Patent Assignee: RACAL DATA COMMUNICATIONS INC (RACA)
Inventor: VRENJAK M J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5063523	A	19911105	US 89438375	A	19891116	199147	B

Priority Applications (No Type Date): US 89438375 A 19891116

Abstract (Basic): US 5063523 A
The computer based network management system manages a data communication network. The network management system has been developed by a designer to operate in a predetermined noral manner for use by a network management system user. A device receives an event message from a network object situated in the data communication network. The event message reports an event within the data communication network and contains an attribute.
A device stores a user defined rule within the network management system the user defined rule being a rule added to the network management system by the user to customize the predetermined normal manner of operation of the network management system. A device compares the attribute with the rule upon receipt of the even message to determine if the attribute and the rule match. A device invokes a predetermined SCRIPT containing at least one command upon determination in the comparing device that attribute matches the rule.
Dwg.1/3
Title Terms: NETWORK; MANAGEMENT; SYSTEM; EVENT; RULE; HANDLE; ALLOW; USER; ESTABLISH; RULE; PATTERN; MATCH; ATTRIBUTE; INCOMING; EVENT; NETWORK; OBJECT
Derwent Class: T01; W01
International Patent Class (Additional): **G06F-013/42** ; **G06F-015/16**
File Segment: EPI

16/5/10 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX

007820553
WPI Acc No: 1989-085665/ **198911**
XRPX Acc No: N89-065372
Session control in network for digital data processing system - has protocol tower identifying object name along with communications parameters and address information
Patent Assignee: NIPPON DIGITAL EQUIP KK (DIGI)
Inventor: HARPER J; HARVEY G A; HAWE W; KONING G; LAUCK A; MILES K; ORAN D; HARVEY A G
Number of Countries: 007 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 8902129	A	19890309	WO 88US3031	A	19880901	198911	B
EP 329779	A	19890830				198935	
JP 1502861	W	19890928	JP 88507752	A	19880901	198945	
US 5136716	A	19920804	US 8794306	A	19870904	199234	
			US 90492381	A	19900308		
EP 329779	B1	19921209	EP 88908586	A	19880901	199250	
			WO 88US3031	A	19880901		
DE 3876617	G	19930121	DE 3876617	A	19880901	199304	
			EP 88908586	A	19880901		
			WO 88US3031	A	19880901		
CA 1312144	C	19921229	CA 576417	A	19880902	199306	

Priority Applications (No Type Date): US 8794306 A 19870904; US 90492381 A 19900308
Cited Patents: 4.Jnl.Ref
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 8902129	A	E	13		
Designated States (National): JP					
Designated States (Regional): DE FR GB					
EP 329779	A	E			
Designated States (Regional): DE FR GB					
US 5136716	A		8	G06F-003/00	Cont of application US 8794306
EP 329779	B1	E	11	G06F-015/16	Based on patent WO 8902129
Designated States (Regional): DE FR GB NL					
DE 3876617	G			G06F-015/16	Based on patent EP 329779
					Based on patent WO 8902129
CA 1312144	C			G06F-015/16	

Abstract (Basic): WO 8902129 A
The distributed digital data processing system includes nodes which communicate over a network. A node which maintains one or more objects, each of which may be a file, that is, an addressable unit in the system, such as a program database, text file, or the like or a directory which may contain one or more files or other directories. One node maintains a naming serive which associates each object in the system with one or more protocol towers.
Each protocol tower identifies the object name and a series of entries each identifying a name for each of the protocol layers, along with the communications parameters and address information.
When a node requires access to an object maintained by an another node, if first retrieves from the naming service the protocol towers for the object. The node also maintains a tower identifying the names of each of the protocols over which it can communicate. The node then compares the protocol names in the retrieved protocol towers with the protocol names over which is can communicate. If the protocol names match the node uses the communications parameters and address information in furture future communications with the object. If the node is unable to identify a retrieved protocol tower which matches its

supported tower or towers, it is unable to communicate with the object.

1/3

Title Terms: SESSION; CONTROL; NETWORK; DIGITAL; DATA; PROCESS; SYSTEM; PROTOCOL; TOWER; IDENTIFY; OBJECT; NAME; COMMUNICATE; PARAMETER; ADDRESS; INFORMATION

Derwent Class: T01

International Patent Class (Main): **G06F-003/00** ; **G06F-015/16**

International Patent Class (Additional): **G06F-013/38** ; H04L-013/00

File Segment: EPI